

Paper ID	Surname	Name	Affiliation	Presentation Title	Session Topic	Presentation code	Session	Day	Time
17	Egizabal	Pedro	Fundación TECNALIA	DEVELOPMENT AND CHARACTERIZATION OF A 2024 ALUMINIUM	T.S. Metal matrix comp	Th2.12.1	Session Th2.12	Thursday 28th	11.20 - 11.40
18	Lauke	Bernd	Leibniz Institut fuer Pr	Doubly-curved interfaces for adhesion strength testing	G.S. Interfaces and inte	We1.13.1	Session We1.13	Wednesday 27th	8.30 - 8.50
19	Robert	Sekula	ABB Corporate Resear	OPPORTUNITIES IN WASTE MINIMIZATION: EPOXY COMPOSITES F	G.S. Processing and ma	We4.4.1	Session We4.4	Wednesday 27th	16.50 - 17.10
24	Tsierkezos	Nikos	Technical University of	Sensors Based on Multi-Walled Carbon Nanotubes	G.S. Bio-based composi	Mo3.14.1	Session Mo3.14	Monday 25th	14.50 - 15.10
25	Tomassetti	Giordano	IMA5T scarl Technolo	Structural particle swarm optimization of a composite swimming c	T.S. Composite materia	Tu3.8.4	Session Tu3.8	Tuesday 26th	15.50 - 16.10
26	Scheerer	Michael	Aerospace and Advan	Effect of production induced porosity on the structural behaviour	T.S. Multiscale analysis	We3.1.6	Session We3.1	Wednesday 27th	16.30 - 16.50
28	Swolfs	Yentl	KULeuven	A 3D finite element analysis of static stress concentrations around	T.S. Probabilistic appro	Th1.6.1	Session Th1.6	Thursday 28th	8.30 - 8.50
31	Scott	James	CAMBRIDGE UNIVERS	Multiferroic Composites	T.S. Multiferroic-magne	Tu3.6.1	Session Tu3.6	Tuesday 26th	14.50 - 15.10
33	Pham	Dinh Chi	Institute of High Perfo	An integrated approach for the progressive damage analysis of V-	T.S. Fracture and Dama	Th3.2.5	Session Th3.2	Thursday 28th	16.10 - 16.30
39	Lin	Leyu	Mechanical and Proce	Processing Controlled Properties of Thermoplastic-based Nanocer	G.S. Nanocomposites: P	We1.6.2	Session We1.6	Wednesday 27th	8.50 - 9.10
40	Nakai	Yoshikazu	Kobe University	Evaluation of Mode I and Mode II Interfacial Fracture Toughness a	G.S. Damage and fractu	Th1.13.3	Session Th1.13	Thursday 28th	9.10 - 9.30
42	Boehm	Robert	TU Dresden	In-situ CT based damage characterisation of textile-reinforced CFR	T.S. Micro-CT applicatio	Tu4.8.1	Session Tu4.8	Tuesday 26th	16.50 - 17.10
44	Rey Rodriguez	Pilar	AIMEN Technology Ce	Influence of content and particle size on properties of TIC reinforc	T.S. Metal matrix comp	Th2.12.2	Session Th2.12	Thursday 28th	11.40 - 12.00
50	Maille	Laurence	Laboratoire des Comp	C/C composites obtained by Chemical Fluid Infiltration	G.S. Ceramic matrix: Pri	We2.14.4	Session We2.14	Wednesday 27th	12.20 - 12.40
51	RODRIGUEZ BE ANA		AIRBUS OPERATIONS,	IMPACT DAMAGE AND SHEAR STRENGTH IN BONDED LAP JOINTS	T.S. Joining of composi	We1.11.3	Session We1.11	Wednesday 27th	9.10 - 9.30
55	Binte Mokhtar	Hanan	ISAT, Université de Bo	Comparison of Single and Double Impact Damage on Carbon Epox	G.S. Damage and fractu	Tu3.10.5	Session Tu3.10	Tuesday 26th	16.10 - 16.30
59	SEVKAT	ERCAN	Melkiah UniversityM	Torsional Fatigue Behaviour of Aluminum/Composite Tubes	T.S. Fatigue of composi	Tu3.7.6	Session Tu3.7	Tuesday 26th	13.00-13.20
60	Kaynak	Cevdet	Middle East Technica	USING MICRO- AND NANO-COMPOSITE APPROACHES TO IMPROV	T.S. Daniela Tabuani - F	Tu1.3.4	Session Tu1.3	Tuesday 26th	9.30 - 9.50
61	COUPEAU	Christophe	Institut P'-University c	Understanding the buckling phenomenon of coatings	G.S. Mechanical and ph	Th3.7.5	Session Th3.7	Thursday 28th	16.10 - 16.30
64	Katunin	Andrzej	Silesian University of	Influence of the self-heating effect on fatigue of polymeric lamina	T.S. Fatigue of composi	Tu1.7.1	Session Tu1.7	Tuesday 26th	8.30 - 8.50
69	Taraiya	Ajay	GE India Technology C	Polypropylene reinforced with different cellulosic fillers and the st	T.S. Bio-based /natural	Mo3.1.1	Session Mo3.1	Monday 25th	14.50 - 15.10
71	Stier	Bertram	RWTH Aachen Univers	Solid-shell concept applied to thin fibre composite structures	G.S. Multiscale modellir	Mo2.8.4	Session Mo2.8	Monday 25th	12.20 - 12.40
72	Wimmer	Johannes	RWTH Aachen Univers	Applying the solid-shell concept to sandwich structures	G.S. Sandwich technolo	Th3.10.1	Session Th3.10	Thursday 28th	14.50 - 15.10
76	Wang	Qing	Harbin Institute of Tec	COMPRESSIVE FAILURE OF ALUMINUM MATRIX COMPOSITE REIN	T.S. Metal matrix comp	Th2.12.3	Session Th2.12	Thursday 28th	12.00 - 12.20
78	Tsai	Jia-Lin	National Chiao Tung U	Investigating local particle aggregation effect on tensile strength c	G.S. Damage and fractu	Th4.13.5	Session Th4.13	Thursday 28th	18.10 - 18.30
79	Hassingier	Irene	Institute for Composi	Production of nanocomposites via extrusion techniques using nan	T.S. Advances in Nanoc	Tu1.6.1	Session Tu1.6	Tuesday 26th	8.30 - 8.50
82	Xu	Xiaodong	University of Bristol	AN EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE INTE	G.S. Damage and fractu	Mo4.6.3	Session Mo4.6	Monday 25th	17.30 - 17.50
83	Fliegerer	Sascha	Fraunhofer Institute f	MICROSTRUCTURE-BASED MODELING OF THE CREEP BEHAVIOR O	G.S. Polymer matrix cor	We4.13.3	Session We4.13	Wednesday 27th	17.30 - 17.50
84	Matsuzaki	Ryosuke	Tokyo University of Sc	Control of resin flow using multifunctional interdigital electrode at	T.S. Innovative Manufac	We3.4.1	Session We3.4	Wednesday 27th	14.50 - 15.10
101	Carole	Rakotoariso	Safran Sneaema	Development of a fatigue model for 3D woven Polymer Matrix Co	T.S. Fatigue of composi	Tu1.7.2	Session Tu1.7	Tuesday 26th	8.50 - 9.10
104	Sennewald	Cornelia	TU Dresden	Textile based metal sandwiches and metal-matrix-composites rein	T.S. Metal matrix comp	Th1.12.5	Session Th1.12	Thursday 28th	9.50 - 10.10
105	Lascoup	Bertrand	ESTACA	DEFECT DETECTION BASED ON THERMAL PERIODIC EXCITATION	G.S. NDE technologies	Mo4.4.1	Session Mo4.4	Monday 25th	16.50 - 17.10
112	Fernberg	Patrik	Swerea SICOMP AB	Carbon nanotube treated carbon fibre preforms for improved pro	G.S. Interfaces and inte	We1.13.2	Session We1.13	Wednesday 27th	8.50 - 9.10
115	Naito	Kimiyoshi	National Institute for	The effect of interlayer modification on the tensile properties of h	T.S. Delamination and i	Mo2.2.1	Session Mo2.2	Monday 25th	11.20 - 11.40
117	GRIPPON	EDITH	LCTS	Damage characterization of Ceramic Matrix Composites	T.S. Multiscale analysis	We1.1.3	Session We1.1	Wednesday 27th	9.10 - 9.30
122	Christophe	DUPIN	LCTS	Modelling the mechanical behaviour of thin CMC components	T.S. Multiscale analysis	We2.1.3	Session We2.1	Wednesday 27th	12.00 - 12.20
125	Dorigato	Andrea	University of Trento	Biodegradable polyvinylalcohol based single polymer composites	T.S. Sustainable Compo	Th1.8.1	Session Th1.8	Thursday 28th	8.30 - 8.50
126	Yokozeki	Tomohiro	University of Tokyo	Shear Thinning Behavior and Microstructures of MWCNT/Epoxy ai	G.S. Nanocomposites: N	We3.9.3	Session We3.9	Wednesday 27th	15.30 - 15.50
132	Kano Ibarretxe	Joana	LEARTIKER-UNIVERSIT	Effect of different silane coupling agents on the tensile and flexur	G.S. Interfaces and inte	We1.13.3	Session We1.13	Wednesday 27th	9.10 - 9.30
133	Matsuo	Tsuyoshi	The University of Toky	New design approach for high stiffness and high impact-absorbing	T.S. Composites for aut	Mo2.3.1	Session Mo2.3	Monday 25th	11.20 - 11.40
134	Koyanagi	Jun	Japan Aerospace Expli	Periodic unit-cell simulation for transverse tensile failure of unidir	G.S. Damage and fractu	Tu2.10.3	Session Tu2.10	Tuesday 26th	12.00 - 12.20
136	Polyzois	Dimos	University of Manito	Development of Meteorological Towers Using Advanced Composi	G.S. Applications 2- Con	Th3.8.1	Session Th3.8	Thursday 28th	14.50 - 15.10
137	Matsutani	Hiroaki	Toray Industries, Inc.	Flow Simulation of Long-fiber Compound using Particle Method	T.S. Composites for aut	Mo4.3.1	Session Mo4.3	Monday 25th	16.50 - 17.10
140	Zhang	Xin	The University of Toky	Study on Optimal CFRP Automobile BIW Structure	T.S. Composites for aut	Mo2.3.3	Session Mo2.3	Monday 25th	12.00 - 12.20
141	Schmidt	Frank	TU Braunschweig	Effects of defects on the multiaxial fatigue behaviour of GFRP: an	T.S. Manufacturing defe	We1.9.1	Session We1.9	Wednesday 27th	8.30 - 8.50
143	Kazanci	Zafer	Turkish Air Force Acad	Comparison of different type composite structures subjected to bl	T.S. Composites under c	Mo2.13.1	Session Mo2.13	Monday 25th	11.20 - 11.40
144	GRIESSER	Aurelia	LCTS	Enhanced SiC/SiC composites processed by RMI for high tempera	G.S. Ceramic matrix: Pri	We2.14.5	Session We2.14	Wednesday 27th	12.40 - 13.00
145	Rohmer	Eric	Laboratoire des Comp	MODELLING THE MECHANICAL PROPERTIES OF SiC/SiC BRAIDED	T.S. Multiscale analysis	We2.1.6	Session We2.1	Wednesday 27th	13.00 - 13.20
147	Yamashita	Shinichiro	The University of Toky	Research on soft skin effect of CFRTP	T.S. Composites for aut	Mo2.3.4	Session Mo2.3	Monday 25th	12.20 - 12.40
148	Jensen	Alf Egil	FiReCo AS	Creep measurements of steel bolted and pretensioned GFRP comp	T.S. Joining of composi	We2.11.6	Session We2.11	Wednesday 27th	13.00-13.20
150	Fermeglia	Maurizio	University of Trieste	Nano tools for macro problems: multiscale molecular modeling of	T.S. Computer aided de	Tu1.1.1	Session Tu1.1	Tuesday 26th	8.30 - 8.50
152	Boyer	Francois	Institut Clement Ader	MECHANICAL AND ELECTRICAL BEHAVIOR OF A COMPOSITE PEEK	G.S. Nanostructured fib	Tu1.2.4	Session Tu1.2	Tuesday 26th	9.30 - 9.50
155	Kose	Kim	Inpro GmbH	On the Problem of generating reliable material data of SFRPs for s	T.S. Short fiber composi	Mo3.11.2	Session Mo3.11	Monday 25th	15.10 - 15.30
157	Silberschmidt	Vadim	Loughborough Univer	Dynamic loading of fibre-reinforced laminates: Experiments and si	T.S. Composites under c	Tu2.5.3	Session Tu2.5	Tuesday 26th	12.00 - 12.20
158	Roy	Samit	University of Alabama	A Concurrently Coupled Multi-Scale Model for Predicting Properti	T.S. Computer aided de	Tu1.1.5	Session Tu1.1	Tuesday 26th	9.50 - 10.10
163	Kong	Changduk	Chosun University	A Study on Structural Design and Analysis of Composite Propeller	T.S. Composite materia	Tu3.5.5	Session Tu3.5	Tuesday 26th	16.10 - 16.30
165	Selyugin	Sergey	AIRBUS	ON OPTIMIZATION OF COMPOSITE PLATES AGAINST BUCKLING, W	G.S. Optimization of lan	Mo3.4.1	Session Mo3.4	Monday 25th	14.50 - 15.10
169	CHAPALAIN	Flora	Ifsttar	MIKROINDENTATION BEHAVIOR UNDER QUASI-STATIC AND CREEP	T.S. Multiscale modellir	Tu4.1.1	Session Tu4.1	Tuesday 26th	16.50 - 17.10
173	Amandine	CELINO	Institut de Recherche	Study of the diffusion behavior of natural fibers	T.S. Natural fibre and bi	Th1.1.1	Session Th1.1	Thursday 28th	8.30 - 8.50
174	Carlson	Tony	Swerea SICOMP AB	Plasma treatment- A route for improved adhesion between PET an	T.S. Composite materia	We3.12.3	Session We3.12	Wednesday 27th	15.30 - 15.50
177	Nixon-Pearson	Oliver	University of Bristol	An experimental investigation into fatigue damage development i	T.S. Fatigue of composi	Tu1.7.3	Session Tu1.7	Tuesday 26th	9.10 - 9.30
184	Pantano	Antonio	Università degli Studi	Reinforcing effect of carbon nanotube (CNT) on polymer nanocom	T.S. Mechanics of nanoc	Tu3.1.4	Session Tu3.1	Tuesday 26th	15.50 - 16.10
185	GALAN-MARIN CARMEN		UNIVERSITY OF SEVILL	Abstract A combination of SEM and EDX studies on a clay-based n	T.S. Bio-based /natural	Mo3.1.2	Session Mo3.1	Monday 25th	15.10 - 15.30
196	julien	jamel	universite de bordeau	Investigation of cohesive force distribution during delamination te	G.S. Damage and fractu	Mo2.6.3	Session Mo2.6	Monday 25th	12.00 - 12.20
198	Yamane	Masachika	The University of Toky	Possibility of Repeated Recycling of FRTP for Mass Production Aut	T.S. Composites for aut	Mo2.3.5	Session Mo2.3	Monday 25th	12.40 - 13.00
199	Yudhanto	Arief	Tokyo Metropolitan U	Damage characterization in stitched carbon/epoxy laminates subj	T.S. Mechanical behavi	Tu2.13.3	Session Tu2.13	Tuesday 26th	12.00 - 12.20
201	George	AKhras	Royal Military College	3D FINITE LAYER METHOD FOR THE ANALYSIS OF PIEZOELECTRIC A	T.S. Thermal methods fi	Th1.9.1	Session Th1.9	Thursday 28th	8.30 - 8.50
203	Wim	VAN PAEPER	Ghent University	Large-scale blast loading of a composite tube array for protection	T.S. Composites under c	Mo2.13.2	Session Mo2.13	Monday 25th	11.40 - 12.00
205	Bovtun	Viktor	Institute of Physics AS	Broadband AC Conductivity and Dielectric Spectra of Ceramic and	T.S. CNT nanocomposit	Tu2.2.1	Session Tu2.2	Tuesday 26th	11.20 - 11.40
207	Carotenuto	Gianfranco	National Research Cou	GRAPHITE NANOPLATELETS CHEMICAL CROSS-LINKING BY ELEMEN	G.S. Nanocomposites: P	We3.6.4	Session We3.6	Wednesday 27th	15.50 - 16.10
213	Thomason	Jim	University of Strathcl	Natural fibre cross sectional area effects on the determination of	T.S. Natural fibre and bi	Th2.1.5	Session Th2.1	Thursday 28th	12.40 - 13.00
215	KIM	HOJUNG	Changwon national un	SYNTHESIS AND CHARACTERIZATION OF ZNMN2O4 NANOPARTICL	T.S. Advances in Nanoc	Tu2.6.3	Session Tu2.6	Tuesday 26th	12.00 - 12.20
221	Cai	Dongyu	Loughborough Univer	Toughening Polyethylene by Exfoliated Natural Clay Nanosheets	G.S. Nanocomposites: A	Th1.11.1	Session Th1.11	Thursday 28th	8.30 - 8.50
228	Christmann	Marcel	Institut für Verbundwe	Innovative Temperature Distribution Influences the Impregnation	T.S. Processing of therm	We1.4.1	Session We1.4	Wednesday 27th	8.30 - 8.50
230	Oliveux	Geraldine	LTM/ICAM	Recycling the glass fibres reinforced composites: mechanisms and	G.S. Processing and ma	We4.4.2	Session We4.4	Wednesday 27th	17.10 - 17.30
236	Boehm	Robert	TU Dresden	Textile based metal sandwiches and metal-matrix-composites rein	T.S. Mechanical behavi	Tu2.13.2	Session Tu2.13	Tuesday 26th	11.40 - 12.00
237	Thieme	Mike	TU Dresden	Probabilistic simulation for failure analysis of textile-reinforced co	T.S. Probabilistic appro	Th1.6.3	Session Th1.6	Thursday 28th	9.10 - 9.30
239	Arif	Abul Fazal	King Fahd University c	Effect of Carbon Nanotubes (CNT) on the Thermal Conductivity of	G.S. Multiscale modellir	Tu4.1.3	Session Tu4.1	Tuesday 26th	17.30 - 17.50
243	Diaz Rodriguez Luis Antonic		Nanomaterials and Ne	ALUMINA-CERIA-TZP NANOCOMPOSITES OBTAINED IN AN ALCOH	G.S. Bio-based composi	Mo3.14.2	Session Mo3.14	Monday 25th	15.10 - 15.30
246	Sano	Kentaro	Toray industries, inc.	The Development of Novel Carbon-fiber-reinforced Stampable TH	T.S. Composites for aut	Mo3.3.1	Session Mo3.3	Monday 25th	14.50 - 15.10
249	Crevel	Jeremy	Ecole des Mines d'All	Experiment and Modelling of Injected Carbon-Fibre-Reinforced PE	G.S. Damage and fractu	Mo3.6.3	Session Mo3.6	Monday 25th	15.30 - 15.50
250	Peter	Hornsby	Queen's University B	Nano-cellulose Reinforced Polymers Derived from Banana Tree Fil	T.S. Bio-based /natural	Mo3.1.3	Session Mo3.1	Monday 25th	15.30 - 15.50
255	Dereims	Arnaud	ESI Group / Ecole Nati	Simulation of Liquid Resin Infusion process by finite element meth	T.S. Liquid composite m	Tu2.11.3	Session Tu2.11	Tuesday 26th	12.00 - 12.20
256	Subhash	Ghatu	University of Florida	Comparison of Dynamic and Static Flexural Response and Damage	T.S. Composites under c	Mo2.13.3	Session Mo2.13	Monday 25th	12.00 - 12.20
258	Christian	Fagiano	LMT-Cachan	Computational Strategy for the Mesoscale Modeling of Thermostr	T.S. Textile composites	We2.7.1	Session We2.7	Wednesday 27th	11.20 - 11.40
259	Theotokoglou	Efstathios	National Technical Un	PREDICTION OF CRACK PROPAGATION IN SANDWICH BEAMS UND	G.S. Damage and fractu	Th1.13.6	Session Th1.13	Thursday 28th	13.00-13.20
261	Szpieg	Magdalena	Swerea SICOMP	Development and Characteristics of a Fully Recycled CF/PP Comp	G.S. Polymer matrix cor	We4.13.1	Session We4.13	Wednesday 27th	16.50 - 17.10
264	Jacques	Eric	KTH Royal Institute of	EFFECT OF LITHIUM-ION INTERCALATION ON THE MECHANICAL PRO	T.S. Composite materia	We2.12.1	Session We2.12	Wednesday 27th	11.20 - 11.40
270	Camanho	Pedro	University of Porto	A 3D smeared crack to simulate fracture of polymer composites	T.S. Micromechanics an	Mo4.9.3	Session Mo4.9	Monday 25th	17.30 - 17.50
271	Audrey	Coradi	Laboratoire des Comp	A multiscale damage model for the mechanical behaviour of cerar	T.S. Multiscale analysis	We2.1.1	Session We2.1	Wednesday 27th	11.20 - 11.40
272	Broughton	William	National Physical Labo	Optical Techniques for Measuring Nanoparticle Loading and Dispe	G.S. NDE technologies	Mo4.4.5	Session Mo4.4	Monday 25th	18.10 - 18.30

280	Roskowicz	Marek	Military University of Technology	The use of composite materials to repair of aircraft semi-monocoque structures	T.S. Composites repair	We4.7.1	Session We4.7	Wednesday 27th	16.50 - 17.10
282	Tan	Kwek-Tze	Purdue University	Validation of Delamination Reduction Trend for Stitched Composites	T.S. Delamination and interface	Mo2.2.2	Session Mo2.2	Monday 25th	11.40 - 12.00
286	Sexton	Anthony	Australian National University	Experimental and numerical characterisation of the out-of-plane shear	T.S. Processing and Fabrication	Tu3.11.1	Session Tu3.11	Tuesday 26th	14.50 - 15.10
288	Thorvaldsen	Tom	Norwegian Defence Research Establishment	A three-phase rule of mixtures model for the effective elastic properties of nanocomposites	T.S. Mechanics of nanocomposites	Tu3.1.1	Session Tu3.1	Tuesday 26th	14.50 - 15.10
290	De	Amitabha	Saha Institute of Nuclear Physics	Conducting Polymer based Manganese Dioxide Nanocomposite as a supercapacitor	G.S. Hybrid composites	We3.10.3	Session We3.10	Wednesday 27th	15.30 - 15.50
291	De Baere	Ives	Ghent University	Influence of specimen geometry on the fatigue behavior of a carbon fiber reinforced polymer	T.S. Fatigue of composites	Tu1.7.4	Session Tu1.7	Tuesday 26th	9.30 - 9.50
293	Serror	Maéva	Arts et Métiers ParisTech	Prediction of the cavitation during the thermal ageing of an organic matrix	T.S. Durability of organic matrix	Tu2.4.1	Session Tu2.4	Tuesday 26th	11.20 - 11.40
294	Johnsen	Bernt B.	Norwegian Defence Research Establishment	Preparation and characterisation of epoxy/alumina polymer nanocomposites	G.S. Nanocomposites: Preparation and characterization	We1.6.1	Session We1.6	Wednesday 27th	8.30 - 8.50
295	Dong	Yu	Curtin University, Australia	Electrospun PLA/PCL/MPs Nanofibrous hybrid composite structures	T.S. Natural fibre and bio-based composites	Th3.1.5	Session Th3.1	Thursday 28th	16.30-16.50
300	Sejnoha	Michal	CTU in Prague, Faculty of Mechanical Engineering	Mesoscopic study of textile reinforced composites	T.S. Multiscale analysis	We1.1.4	Session We1.1	Wednesday 27th	9.30 - 9.50
303	Pegoretti	Alessandro	University of Trento	Epoxy nanocomposite adhesives	G.S. Nanocomposites: Adhesives	Th1.11.2	Session Th1.11	Thursday 28th	8.50 - 9.10
304	Tashkinov	Mikhail	State National Research Center of Applied Mechanics	High Order Multipoint Approximations of Stochastic Elastic Boundaries	G.S. Multiscale modelling	Mo2.8.2	Session Mo2.8	Monday 25th	11.40 - 12.00
307	Mindivan	Harun	Ataturk University	RECYCLING OF MG CHIPS WITH THE HELP OF COMMERCIALY AVAILABLE POLYMER	G.S. Recycling	We4.10.1	Session We4.10	Wednesday 27th	16.50 - 17.10
308	Dumas	David	Cenaero	Numerical prediction of the residual stresses consecutive to the curing of epoxy resin	G.S. Health monitoring	We4.14.3	Session We4.14	Wednesday 27th	17.30 - 17.50
311	Zucchelli	Andrea	University of Bologna	NANOFIBER INFLUENCE ON VIBRATIONAL BEHAVIOR OF COMPOSITES	G.S. Experimental Techniques	We4.8.5	Session We4.8	Wednesday 27th	18.10 - 18.30
313	Acchar	Wilson	Federal University of Rio de Janeiro	Mechanical Properties of Alumina reinforced with niobium carbide	G.S. Ceramic matrix: Properties	We1.14.5	Session We1.14	Wednesday 27th	9.50 - 10.10
314	Kao	Chih-chuan	University of Strathclyde	Mechanical study on surface treated glass fibres after thermal curing	G.S. Fiber performances	Tu2.14.1	Session Tu2.14	Tuesday 26th	11.20 - 11.40
317	Tsouvalis	Nicholas	National Technical University of Athens	Experimental parametric study of single-lap adhesive joints between two composites	T.S. Joints in composite	Mo2.7.5	Session Mo2.7	Monday 25th	12.40 - 13.00
320	Sipiczki	Monika	University of Szeged	Indole-2-carboxylate- and dihydroindole-2-carboxylate-CaFe layer	G.S. Nanocomposites: Preparation and characterization	We4.6.3	Session We4.6	Wednesday 27th	17.30 - 17.50
321	Baranger	Emmanuel	LMT-Cachan	Modelling of the evolution of the failure probability of a self-healing composite	G.S. Ceramic matrix: Modelling	Th4.5.3	Session Th4.5	Thursday 28th	17.30 - 17.50
322	MARCO	Yann	ENSTA Bretagne	HEAT BUILT-UP MEASUREMENTS AND ENERGETIC CRITERION USED FOR DAMAGE PREDICTION	T.S. Short fiber composites	Mo2.11.2	Session Mo2.11	Monday 25th	11.40 - 12.00
324	JEGOU	Loïc	IUT Saint-Brieuc	THERMOMECHANICAL IDENTIFICATION OF A THRESHOLD IN THE DAMAGE EVOLUTION	T.S. Short fiber composites	Mo2.11.4	Session Mo2.11	Monday 25th	12.20 - 12.40
327	Yang	Liu	University of Strathclyde	The Role of Residual Thermal Stress In Composite Interfacial Strength	T.S. Thermal methods for characterization	Th1.9.5	Session Th1.9	Thursday 28th	9.50 - 10.10
332	HAYASHI	TAKAHIRO	MITSUBISHI RAYON COMPANY	Flexural behavior of CF/PP hollow beam made by continuous and pultrusion	T.S. Composites for automotive	Mo3.3.2	Session Mo3.3	Monday 25th	15.10 - 15.30
334	Ecault	Romain	CNRS - Institut Pprime	LASER DRIVEN SHOCK WAVES TECHNIQUE FOR DAMAGE THRESHOLD IDENTIFICATION	G.S. Damage and fracture	Mo2.6.4	Session Mo2.6	Monday 25th	12.20 - 12.40
335	Meatherall	Stephen	Composites Innovation Centre	Development and Implementation of a Natural Fibre Nonwoven Matrix	T.S. Biocomposites: synthesis	We1.2.1	Session We1.2	Wednesday 27th	8.30 - 8.50
336	Hirsekorner	Martin	Onera	Multi-scale and multi-physics coupled modeling of the evolution of damage	G.S. Mechanical and physical	Th1.7.1	Session Th1.7	Thursday 28th	8.30 - 8.50
338	Archer	Edward	University of Ulster	Internal strain measurement and impact response of 3D woven carbon fiber	T.S. Mechanical behavior	Tu2.13.4	Session Tu2.13	Tuesday 26th	12.20 - 12.40
339	SARIFAH FAUZI SYED DRAM	SYED DRAM	UNIVERSITI TEKNOLOGI MALAYSIA	Synthesis and characterization of modified cellulose and doped polyimide	T.S. Biocomposites: synthesis	We1.2.2	Session We1.2	Wednesday 27th	8.50 - 9.10
344	Aniskevich	Andrey	Institute of Polymer Mechanics	EXPERIMENTAL INVESTIGATION AND MODELING OF NONLINEAR BEHAVIOR	G.S. Estimation of durability	Th2.14.1	Session Th2.14	Thursday 28th	11.20 - 11.40
356	INOUE	Yuta	Tokyo University of Science	The effect of carbon nanotube grafting on the tensile, shear and peel strength	T.S. CNT Nanocomposites	Tu2.2.2	Session Tu2.2	Tuesday 26th	11.40 - 12.00
363	Hakeem	Abbas Saeed	King Fahd University of Petroleum & Minerals	Carbon Nanotube Reinforced Al6061 and Al1214 Nanocomposites	G.S. Nanocomposites: Preparation and characterization	We3.9.4	Session We3.9	Wednesday 27th	15.50 - 16.10
368	Lee	Hyunjung	KOOKMIN UNIV.	Highly Conductive Organic-Inorganic Hybrid Transparent Films	G.S. Hybrid composites	We1.10.1	Session We1.10	Wednesday 27th	8.30 - 8.50
369	Pasbakhsh	Pooria	Monash University of Victoria	SYNTHESIS AND CHARACTERISATION OF MEMBRANES OF CHITOSAN/CLAY	T.S. Biocomposites: synthesis	We1.2.3	Session We1.2	Wednesday 27th	9.10 - 9.30
374	Ogihara	Shinji	Tokyo University of Science	Effect of Ply Thickness on Mechanical Properties in CFRP Angle-Ply Composites	G.S. Damage and fracture	Mo3.6.1	Session Mo3.6	Monday 25th	14.50 - 15.10
378	Emilie	Trousset	Onera - The French Aerospace Establishment	Towards the assessment of low-velocity impact induced damage in composites	T.S. Composites under impact	Mo2.13.4	Session Mo2.13	Monday 25th	12.20 - 12.40
379	Albouy	William	INSA Rouen - GPM	Investigations on the creep/recovery behavior of woven-ply carbon fiber	T.S. Environmental effects	Tu4.4.1	Session Tu4.4	Tuesday 26th	16.50 - 17.10
380	Azran	Aymeric	Laboratoire de Mécanique des Matériaux	Characterization of the longitudinal and transverse thermal conductivity	G.S. Mechanical and physical	Mo4.10.5	Session Mo4.10	Monday 25th	18.10 - 18.30
382	Grüber	Bernd	Technische Universität München	An analytical calculation method for stress concentrations in notched composites	G.S. Design of composites	Mo2.4.5	Session Mo2.4	Monday 25th	12.40 - 13.00
384	Wucher	Benoit	Cenaero	An example of mold compensation by means of numerical simulation	T.S. Innovative Manufacturing	We3.4.2	Session We3.4	Wednesday 27th	15.10 - 15.30
385	TAKEDA	Nobuo	The University of Tokyo	Quality Evaluation of Advanced Composite Structures through Life Cycle Assessment	T.S. Innovative Manufacturing	We3.4.3	Session We3.4	Wednesday 27th	15.30 - 15.50
389	Khastgir	Dipak	Indian Institute of Technology Bombay	Polymer-Ceramic Composites with Controlled Dielectric properties	G.S. Polymer matrix composites	Mo2.14.5	Session Mo2.14	Monday 25th	12.40 - 13.00
390	Medeiros Araujo	Thiago	University of Trento	Liquid crystalline single-polymer short-fibres composites.	T.S. Interfaces and Interphases	We3.13.1	Session We3.13	Wednesday 27th	14.50 - 15.10
392	HADDAD	Madjid	IUT GMP Toulouse	HIGH SPEED TRIMMING OF CARBON FIBER REINFORCED POLYMER	T.S. Manufacturing defects	We2.9.2	Session We2.9	Wednesday 27th	11.40 - 12.00
393	Berro Ramirez	Juan Pedro	Institut P Prime	Fracture simulation of wound composite structures by a fixed direction	G.S. Damage and fracture	Tu2.10.1	Session Tu2.10	Tuesday 26th	11.20 - 11.40
395	Worrall	Chris	TWI Ltd	Induction Welding of Thermoplastic Composites at TWI	T.S. Joining of composites	We2.11.1	Session We2.11	Wednesday 27th	11.20 - 11.40
397	Caton-Rose	Fin	University of Bradford	Measurement and prediction of short glass fibre orientation in injection moulded parts	T.S. Short fiber composites	Mo2.11.5	Session Mo2.11	Monday 25th	12.40 - 13.00
398	Santos	Edval	UFPE	Nanostructured ZnO-particle fabrication with different alcohols as solvents	G.S. Nanocomposites: Preparation and characterization	We3.6.1	Session We3.6	Wednesday 27th	14.50 - 15.10
402	Schumacher	Shane	Sandia National Laboratories	Anisotropic Shock Response of Unidirectional Composite Materials	T.S. Shock compression	Tu1.12.1	Session Tu1.12	Tuesday 26th	8.30 - 8.50
403	Sebaey	Tamer	UDG	IN-SITU STRENGTH MEASUREMENT BY REAL TIME MONITORING OF DAMAGE	T.S. Micromechanics and damage	Mo2.9.1	Session Mo2.9	Monday 25th	11.20 - 11.40
407	Rans	Calvin	Carleton University	Damage tolerance analysis of stiffened Glare panels internally reinforced with CFRP	T.S. Fatigue of composites	Tu1.7.5	Session Tu1.7	Tuesday 26th	9.50 - 10.10
412	Harada	Yoshihisa	National Institute of Advanced Industrial Science and Technology	Environmental Effects on Mechanical Behavior of CFRP using Laser Curing	G.S. Polymer matrix composites	We4.13.4	Session We4.13	Wednesday 27th	17.50 - 18.10
413	Gumula	Teresa	AGH University of Science and Technology	Mechanical and electrical properties of polysiloxane-modified carbon fiber	G.S. Ceramic matrix: Preparation and characterization	We2.14.2	Session We2.14	Wednesday 27th	11.40 - 12.00
414	WALID	HARIZI	ECOLE DES MINES DE METZ	CHARACTERIZATION OF THE DAMAGE MECHANISMS IN POLYMER MATRIX	G.S. Health monitoring	We3.14.1	Session We3.14	Wednesday 27th	14.50 - 15.10
416	Modniks	Janis	University of Latvia	Apparent IFSS in misoriented flax/PP composites: the effect of fibre length	T.S. Short fiber composites	Mo3.11.3	Session Mo3.11	Monday 25th	15.30 - 15.50
419	Laachachi	Abdelghani	CRP Henri Tudor	Development of new approach based on Raman spectroscopy to study damage	G.S. Bio-based composites	Th2.4.4	Session Th2.4	Thursday 28th	12.20 - 12.40
421	Gentles	Fiona	University of Strathclyde	Investigation of interfacial strength between polyethylene terephthalate and carbon fiber	G.S. Fibers and matrices	Tu1.14.4	Session Tu1.14	Tuesday 26th	9.30 - 9.50
424	Alexander	Scott	Sandia National Laboratories	Dynamic Response of a Carbon Fiber - Epoxy Composite Subject to Impact	T.S. Shock compression	Tu1.12.2	Session Tu1.12	Tuesday 26th	8.50 - 9.10
425	Brocks	Thatiane	UNESP - Univ. Estadual Paulista	Effects of interfacial adhesion on thermal and mechanical properties	T.S. Delamination and interface	Mo2.2.3	Session Mo2.2	Monday 25th	12.00 - 12.20
426	Watanabe	Naoyuki	Tokyo Metropolitan University	Formulation of 3-D Homogenization Method for Fabric Composites	T.S. Textile composites	We2.7.2	Session We2.7	Wednesday 27th	11.40 - 12.00
428	Nakatani	Hayato	Tokyo University of Science	Evaluation of Notched Strength and Damage Behavior of Non-Crimp Carbon Fiber	G.S. Damage and fracture	Mo3.6.2	Session Mo3.6	Monday 25th	15.10 - 15.30
429	Berg	David Christ	Clausthal University of Applied Sciences	Influence of shear on the permeability tensor and compaction behavior	T.S. 3D fiber preforming	Tu4.9.1	Session Tu4.9	Tuesday 26th	16.50 - 17.10
433	Grazyna	Zietek	Wroclaw University of Science and Technology	HOMOGENIZATION AND IDENTIFICATION OF EFFECTIVE MATERIAL PROPERTIES	T.S. Multiscale analysis	We2.1.2	Session We2.1	Wednesday 27th	11.40 - 12.00
439	Novo	Paulo	Polytechnic Institute of Leiria	Development of a new pultrusion equipment to manufacture thermoplastic	T.S. Processing of thermoplastic	We2.4.1	Session We2.4	Wednesday 27th	11.20 - 11.40
441	Kandola	Baljinder	University of Bolton	Melt dripping and Flammability Behaviour of Biodegradable Natural Fibres	T.S. Sustainable Composites	Th1.8.2	Session Th1.8	Thursday 28th	8.50 - 9.10
443	Kuangtriratana	Piyanuch	Institute of Materials Research and Engineering	Thermal insulation of fibre-reinforced polymeric composites using carbon fiber	T.S. Daniela Tabuani - FIBRE	Tu2.3.1	Session Tu2.3	Tuesday 26th	11.20 - 11.40
446	KASANO	HIDEAKI	Takushoku University	Ballistic Impact Behavior and Properties of Double-Ply Woven Fabrics	T.S. Composites under impact	Tu2.5.4	Session Tu2.5	Tuesday 26th	12.20 - 12.40
447	Kafi	Abdullah	Deakin University	Preparation and Properties of Stepwise Functionally Graded Synthetic	G.S. Nanocomposites: Preparation and characterization	We1.6.3	Session We1.6	Wednesday 27th	9.10 - 9.30
450	Tanaka	Yoshihisa	National Institute of Advanced Industrial Science and Technology	Measurement of thermal strain inhomogeneity in hybrid CFRP by X-ray	G.S. Experimental Techniques	We4.8.1	Session We4.8	Wednesday 27th	16.50 - 17.10
452	Chang	Li	University of Sydney	New Insights into the Tribological Effects of Nanoparticles on the Friction	T.S. Mechanics of nanocomposites	Tu2.1.1	Session Tu2.1	Tuesday 26th	11.20 - 11.40
454	Sapozhnikov	Sergei	South Ural State University	Strength/stiffness quality control of fabric reinforced composite in the presence	G.S. Applications 2- Composites	Th3.8.2	Session Th3.8	Thursday 28th	15.10 - 15.30
455	Ye	Lin	The University of Sydney	Interlaminar fracture and impact damage assessment by electrical impedance	T.S. Delamination and interface	Mo2.2.4	Session Mo2.2	Monday 25th	12.20 - 12.40
457	Rao	Sanjeev	University of Auckland	Sandwich Films with Graphene Oxide Nanocores: Gas barrier Properties	T.S. Advances in Nanocomposites	Tu1.6.3	Session Tu1.6	Tuesday 26th	9.10 - 9.30
459	Wang	Qing	Harbin Institute of Technology	STUDY ON DIMENSIONAL STABILITY OF SiCp/Al COMPOSITE	G.S. Durability and ageing	Th3.14.2	Session Th3.14	Thursday 28th	15.10 - 15.30
465	Avanzini	Andrea	University of Brescia	Effect of micro-notch on the fatigue behaviour of short fibre reinforced	T.S. Short fiber composites	Mo2.11.1	Session Mo2.11	Monday 25th	11.20 - 11.40
467	Vidal-Salle	Emmanuelle	INSA Lyon	Hyperelastic constitutive modelling for 3D textile reinforcements: application	T.S. Mechanical behavior	Tu3.13.2	Session Tu3.13	Tuesday 26th	15.10 - 15.30
468	Bernasconi	Andrea	Politecnico di Milano	Fibre orientation distribution in short fibre reinforced polymers: a multiscale	T.S. Short fiber composites	Mo4.11.5	Session Mo4.11	Monday 25th	18.10 - 18.30
477	FE0	Luciano	University of Salerno	Characterization of Mechanical properties of Polymer concrete usin	G.S. Applications 1 - Materials	Th2.6.1	Session Th2.6	Thursday 28th	11.20 - 11.40
480	Cayzac	Henri-Alexa	Mines ParisTech, CentraleSupélec	Experimental investigation and finite element modelling of microstructures	T.S. Multiscale analysis	We3.1.3	Session We3.1	Wednesday 27th	15.30 - 15.50
484	NIMDUM	Pongsak	Centre des Matériaux, Mines ParisTech	Use of acoustic emission to discriminate damage modes in carbon fiber	G.S. Health monitoring	We3.14.2	Session We3.14	Wednesday 27th	15.10 - 15.30
487	De Vasconcello Davi S.	Luciano	Institut PPRIME	Cyclic fatigue behavior of woven hemp/epoxy composite: damage evolution	G.S. Bio-based composites	Th3.4.1	Session Th3.4	Thursday 28th	14.50 - 15.10
491	Eiamnipon	Naruepon	Centre des Matériaux, Mines ParisTech	Low velocity impact responses and impact-induced damages on stitched	T.S. Composites under impact	Mo3.13.1	Session Mo3.13	Monday 25th	14.50 - 15.10
493	Lauter	Christian	University of Paderborn	Crash tests of hybrid structures consisting of sheet metal and carbon fiber	T.S. Composites for automotive	Tu2.8.6	Session Tu2.8	Tuesday 26th	13.00-13.20
494	Bluemel	Sven	Laser Zentrum Hannover	Laser machining of CFRP using a high power fibre laser at 600 nm	G.S. Processing and manufacturing	We4.4.5	Session We4.4	Wednesday 27th	18.10 - 18.30
495	Wippo	Verena	Laser Zentrum Hannover	The influence of carbon fibers on the temperature distribution during curing	T.S. Joining of composites	We2.11.2	Session We2.11	Wednesday 27th	11.40 - 12.00
502	Melemez	Fazli Fatih	Sabanci University	Damage Detection in Composite Plates using Fiber Bragg Gratings	G.S. Damage and fracture	Th3.13.2	Session Th3.13	Thursday 28th	15.10 - 15.30
508	Yakushin	Vladimir	Latvian State Institute of Applied Chemistry	Effect of the filler shape on the properties of rigid polyurethane foams	G.S. Mechanical and physical	Th1.7.4	Session Th1.7	Thursday 28th	9.30 - 9.50
511	Bellmann	Cornelia	Leibniz Institut of Polymer Research	Investigation of Competitive Adsorption of Fiber Sizing Components	T.S. Sustainable Composites	Th1.8.3	Session Th1.8	Thursday 28th	9.10 - 9.30
512	Tanaka	Mototsugu	Kanazawa Institute of Technology	Trial of Hybrid Interface Control in HAp/PLA Composites	T.S. Organic-inorganic composites	Th4.1.2	Session Th4.1	Thursday 28th	17.10 - 17.30
515	Wendling	Audrey	INSA Lyon	Mesoscopic simulation of woven fabric forming : from a consistent constitutive	T.S. Multiscale analysis	We2.1.4	Session We2.1	Wednesday 27th	12.20 - 12.40
517	Echevarria	Luis	Instituto de Ciencias de la Construcción	Active reinforcement of cylindrical RC columns with a FRP sheet at high	G.S. FRP reinforced composites	Th3.9.1	Session Th3.9	Thursday 28th	14.50 - 15.10
518	HOSAKI	Kosuke	Graduate School, Kanazawa University	Effect of physical aging on time-temperature superposition principle	O.N.R. session	Mo3.5.4	Session Mo3.5	Monday 25th	15.50 - 16.10
519	MOROMIZATO	Toru	Graduate School, Kanazawa University	Applicability of Time-Temperature Superposition Principle to the Time-Temperature	O.N.R. session	Mo3.5.5	Session Mo3.5	Monday 25th	16.10 - 16.30

520	ilczyszyn	florent	Université de technolo	Effect of the fibre morphology on the mechanical properties of the	T.S. Natural fibre and bi	Th3.1.4	Session Th3.1	Thursday 28th	15.50 - 16.10
521	Sklenicka	Václav	Institute of Physics of	Creep behaviour and microstructural changes in an electrodeposit	T.S. Metal matrix comp	Th3.12.5	Session Th3.12	Thursday 28th	16.10 - 16.30
525	Sharos	Philip	University of Limerick	An analytical model to simulate the response composite bolted joi	T.S. Joining of composi	We1.11.5	Session We1.11	Wednesday 27th	9.50 - 10.10
526	Panella	Prancesco	Università del Salento	Abstract Title (write here) FATIGUE DAMAGE IN NOTCHED GFR CO	T.S. Thermal methods f	Th2.9.2	Session Th2.9	Thursday 28th	11.40 - 12.00
531	LISLE	Teddy	Institut Clément Ader	DAMAGE ASSESSMENT OF THIN WOVEN COMPOSITE SUBJECTED TO	G.S. Experimental Techn	We2.8.1	Session We2.8	Wednesday 27th	11.20 - 11.40
535	Benedito Borrá	Adolfo	AIMPLAS	Selective Heating Applications for the Processing of Polymer-Polyr	T.S. Processing of therm	We1.4.3	Session We1.4	Wednesday 27th	9.10 - 9.30
537	HARA	Shuhei	Graduate School, Kan	Effect of Water Absorption on Time-Temperature Dependent Stre	O.N.R. session	Mo3.5.3	Session Mo3.5	Monday 25th	15.30 - 15.50
541	Lee	Byoung-Sun	Seoul National Univer	Manufacture of Si core/C shell nanofibers and Their Anodic Prop	T.S. Advances in Nanoco	Tu1.6.4	Session Tu1.6	Tuesday 26th	9.30 - 9.50
542	Höroid	Andreas	BAM Fed. Inst. for Ma	Structural integrity in fire: An intermediate-scale approach	T.S. Daniela Tabuani - F	Tu2.3.2	Session Tu2.3	Tuesday 26th	11.40 - 12.00
545	Richter	Henning	German Aerospace Ce	Hierarchic multi scale analysis of porous matrix CMCs	T.S. Multiscale analysis	We3.1.5	Session We3.1	Wednesday 27th	16.10 - 16.30
546	Burgio	Federica	ENEA	Validation of Py-C Chemical Vapour Deposition and Infiltration pro	G.S. Ceramic matrix: M	Th4.5.2	Session Th4.5	Thursday 28th	17.10 - 17.30
547	Villalonga	Stephane	CEA	Mechanical behaviour of 700 bar Type IV High Pressure Vessel: Co	G.S. Applications 2- Con	Th3.8.5	Session Th3.8	Thursday 28th	16.10 - 16.30
553	Sarfraz Khabb	Roohollah	Ecole Polytechnique F	Influence of the mean load effect interpretation on the fatigue life	T.S. Fatigue of composi	Tu2.7.1	Session Tu2.7	Tuesday 26th	11.20 - 11.40
554	Berardi	Valentino	University of Salerno	Local buckling analysis of pultruded FRP profiles: a mechanical mo	T.S. Composites in civil	Tu2.9.2	Session Tu2.9	Tuesday 26th	11.40 - 12.00
555	Van Ackeren	Johan	Vrije Universiteit Brus	Influence of strain rate on tensile behaviour of cementitious comp	T.S. Shock compression	Tu1.12.3	Session Tu1.12	Tuesday 26th	9.10 - 9.30
557	Vassilopoulos	Anastasios	Ecole Polytechnique F	Mode I fatigue and fracture of adhesively-bonded pultruded GFRP	T.S. Joints in composite	Mo3.7.1	Session Mo3.7	Monday 25th	14.50 - 15.10
558	Long	Andrew	University of Notting	MULTI-SCALE STUDY OF REINFORCEMENT VARIABILITY AND VOID	T.S. Innovative Manufa	We3.4.4	Session We3.4	Wednesday 27th	15.50 - 16.10
559	WESTPHAL	Ophélie	Ecole Centrale Nantes	Thermomechanical analysis of fatigue degradations in carbon epo	T.S. Thermal methods f	Th1.9.2	Session Th1.9	Thursday 28th	8.50 - 9.10
564	Patamaprohm	Baramee	Centre des Matériaux	Three-dimensional analysis using probabilistic multiscale approa	T.S. Probabilistic appro	Th1.6.2	Session Th1.6	Thursday 28th	8.50 - 9.10
565	VARGAS ROJAS	Erik	Université de Franche	Determination of the roving trajectories for generic axisymmetric	T.S. Polymer composite	We4.2.4	Session We4.2	Wednesday 27th	17.50 - 18.10
569	Rouhi	Mohammad	Chalmers University o	CONSTITUTIVE MODELLING OF ANISOTROPIC TWO-SCALE FLOW	G.S. Multiscale modellir	Mo4.8.4	Session Mo4.8	Monday 25th	17.50 - 18.10
571	Vaibhav	Phadnis	Loughborough Univer	Ultrasonically assisted drilling in CFRP	T.S. Composites under c	Tu2.5.6	Session Tu2.5	Tuesday 26th	13.00-13.20
573	NI	Lingli	University of Haute Al	Photoinduced Synthesis and Organization of Lamellar n-Alkylsilox	G.S. Hybrid composites	We2.10.1	Session We2.10	Wednesday 27th	11.20 - 11.40
574	Nuno	Loureiro	University of Porto - F	Development and characterization of renewable source composit	G.S. Mechanical and ph	Th2.7.1	Session Th2.7	Thursday 28th	11.20 - 11.40
575	Rezaei	Ali	Ghent University	USING CAPACITORS IN PREDICTIVE CONDITION MONITORING OF I	G.S. Experimental Techn	We2.8.2	Session We2.8	Wednesday 27th	11.40 - 12.00
576	bouvet	christophe	ISAE	Comparative study on the impact behavior and damage tolerance	T.S. Composites under c	Mo3.13.2	Session Mo3.13	Monday 25th	15.10 - 15.30
577	Melro	Antonio Rui	IDMEC - Polo FEUP	Modelling the micromechanical behaviour of S-harness satin weav	T.S. Textile composites	We2.7.3	Session We2.7	Wednesday 27th	12.00 - 12.20
578	Conroy	Mark	University College Dul	MODE-MIXITY IN BEAM-LIKE GEOMETRIES: LINEAR ELASTIC CASES	G.S. Damage and fractu	Th1.13.1	Session Th1.13	Thursday 28th	8.30 - 8.50
580	Kalinski	Dariusz	Institute of Electronic	MECHANICAL, THERMAL AND TRIBOLOGICAL PROPERTIES OF HOT	G.S. Mechanical and ph	Mo2.10.3	Session Mo2.10	Monday 25th	12.00 - 12.20
582	Baran	Ismet	Technical University o	PROBABILISTIC THERMO-CHEMICAL ANALYSIS OF A PULTRUDED C	T.S. Probabilistic appro	Th1.6.4	Session Th1.6	Thursday 28th	9.30 - 9.50
583	Bull	Daniel	Southampton Univers	Multi-scale 3D imaging of carbon fibre laminate impact and comp	T.S. Micro-CT applicatio	Tu4.8.2	Session Tu4.8	Tuesday 26th	17.10 - 17.30
589	Farines	Ludovic	Mahytec	Compressed Hydrogen Form-Fitted Tank	G.S. Applications 2- Con	Tu4.11.3	Session Tu4.11	Tuesday 26th	17.30 - 17.50
593	Young	Robert	University of Manchex	Carbon nanofibres produced from cellulose nanostructures	T.S. Composites from R	Tu1.13.1	Session Tu1.13	Tuesday 26th	8.30 - 8.50
594	Mortell	Daniel	University of Limerick	An Investigation into the Relationship between Intralaminar Crack	G.S. Testing and charac	Th2.10.1	Session Th2.10	Thursday 28th	11.20 - 11.40
595	CHARALAMBO	GEORGIA	UNIVERSITY OF BRIST	Temperature Effects on Fatigue Characterisation of a Carbon Epox	T.S. Fatigue of composi	Tu2.7.2	Session Tu2.7	Tuesday 26th	11.40 - 12.00
596	Minervino	Matteo	ISAE ENSMA - Pprime	Identification of the thermo-oxidative affected material propertie	T.S. Durability of organi	Tu2.4.2	Session Tu2.4	Tuesday 26th	11.40 - 12.00
598	Fangueiro	Raul	Universidade do Minh	Predicting Mechanical Behavior of Novel Sandwich Composite Pan	T.S. 3D fiber preforming	Tu4.9.3	Session Tu4.9	Tuesday 26th	17.30 - 17.50
600	Carra	Guglielmo	Politecnico di Milano	Time dependent behaviour of GFRP pultruded profiles and polye	G.S. Applications 3 - Co	Th4.8.1	Session Th4.8	Thursday 28th	16.50 - 17.10
601	Gigliotti	Marco	ENSMA - Institut Pprie	Local degradation and damage induced by thermo-oxidation in car	T.S. Durability of organi	Tu2.4.3	Session Tu2.4	Tuesday 26th	12.00 - 12.20
602	Müller	Thomas	Institute of Polymer T	Process combinations as a key for producing lightweight and high-	T.S. Processing of therm	We2.4.2	Session We2.4	Wednesday 27th	11.40 - 12.00
603	Carvelli	Valter	Politecnico di Milano	A NON-CRIMP 3D ORTHOGONAL WEAVE E-GLASS COMPOSITE REI	T.S. Mechanical behavi	Tu2.13.5	Session Tu2.13	Tuesday 26th	12.40 - 13.00
604	Sanchez Serrar	Javier	FIDAMC	VARIATIONS IN THE FRACTURE TOUGHNESS ENERGY OF ADHESIVE	G.S. Polymer matrix cor	We4.13.5	Session We4.13	Wednesday 27th	18.10 - 18.30
608	Maurice	Julien	Airbus Operations S.A	Analysis and modeling of the 3D elastic-plastic behavior of adhesi	T.S. Joints in composite	Mo3.7.2	Session Mo3.7	Monday 25th	15.10 - 15.30
611	Lattimer	Jessica	North Dakota State U	TORREFIED BIOMASS REINFORCED HIGH TEMPERATURE THERMO	T.S. Biocomposites: syn	We1.2.4	Session We1.2	Wednesday 27th	9.30 - 9.50
612	Ulven	Chad	North Dakota State U	BAST NATURAL FIBER REINFORCED SOY-BASED POLYURETHANE BIT	T.S. Biocomposites: syn	We2.2.3	Session We2.2	Wednesday 27th	12.00 - 12.20
613	Dorr	Kathrin	MLU Halle	Strain control of ferroic properties in perovskite-type oxide film	T.S. Multiferroic-magne	Tu3.6.2	Session Tu3.6	Tuesday 26th	15.10 - 15.30
615	Pinto	Roberto	Federal University of	Structural Behavior of Composite Concrete/GFRP Beams	T.S. Composites in civil	Tu1.9.4	Session Tu1.9	Tuesday 26th	9.30 - 9.50
616	Matveev	Mikhail	The University of Not	Mechanical properties of textile composites with variability in mic	T.S. Fracture and Damag	Th3.2.2	Session Th3.2	Thursday 28th	15.10 - 15.30
618	Pierre-Olivier	Renault	University of Poitiers	Investigation of the mechanical properties of nanostructured com	G.S. Experimental Techn	We3.8.1	Session We3.8	Wednesday 27th	14.50 - 15.10
619	Papantoniou	Ioannis	University of Patras	Flexural Behavior of One-Way Textile Reinforced Concrete (TRC) /	T.S. Composites in civil	Tu1.9.5	Session Tu1.9	Tuesday 26th	9.50 - 10.10
623	Mikkonen	Kirsi	University of Helsinki	Microfibrillated cellulose reinforced calciumglucomannan and araf	T.S. Sustainable Compo	Th1.8.4	Session Th1.8	Thursday 28th	9.30 - 9.50
628	Hine	Peter	University of Leeds	The effect of fibre length on fibre orientation structures in injecti	T.S. Short fiber composi	Mo2.11.3	Session Mo2.11	Monday 25th	12.00 - 12.20
630	ZHANG	Jing	ECOLE CENTRALE PAR	INTERFACIAL STUDIES OF CARBON FIBER/EPOXY COMPOSITES USI	G.S. Interfaces and inte	We1.13.4	Session We1.13	Wednesday 27th	9.30 - 9.50
632	HONGKARNJAI	Natthawat	Institut Clément Ader	The effect of stacking sequence on the low-velocity impact respon	G.S. Damage and fractu	Tu3.10.1	Session Tu3.10	Tuesday 26th	14.50 - 15.10
635	Maples	Henry	Imperial College Lond	High Performance Carbon Fibre Reinforced Polymer Composites W	G.S. Interfaces and inte	We1.13.5	Session We1.13	Wednesday 27th	9.50 - 10.10
637	Fuentes	Carlos	KULeuven	Effect of interfacial adhesion on mechanical behaviour of bamboo	T.S. Sustainable Compo	Th1.8.5	Session Th1.8	Thursday 28th	9.50 - 10.10
646	Kalaitzidou	Kyriaki	Georgia Institute of Te	Understanding the property enhancement mechanisms in exfoliat	T.S. Graphene-based Pc	Th1.5.1	Session Th1.5	Thursday 28th	8.30 - 8.50
649	KUSANO	Hideaki	Shimadzu corporation	The experimental comparison of the strain measurement techniq	G.S. Experimental Techn	We2.8.3	Session We2.8	Wednesday 27th	12.00 - 12.20
651	Milani	Abbas	University of British C	SELECTION OF WOVEN FABRIC COMPOSITES USING A MULTI-CRIT	G.S. Applications 3 - Co	Th4.8.5	Session Th4.8	Thursday 28th	18.10 - 18.30
655	Kim	Seong Su	Chonbuk National Univ	Novel foaming methods to fabricate the carbon black reinforced n	T.S. Processing and Fab	Tu3.11.2	Session Tu3.11	Tuesday 26th	15.10 - 15.30
659	Wada	Daichi	The University of Toky	Strain distribution monitoring of CFRTP single-lap ultrasonic weld	G.S. Experimental Techn	We2.8.4	Session We2.8	Wednesday 27th	12.20 - 12.40
660	Nomura	Yasutomo	The University of Toky	Basic study on welding joint of carbon fiber reinforced thermoplas	T.S. Composites for aut	Mo3.3.3	Session Mo3.3	Monday 25th	15.30 - 15.50
661	Tomioka	Tomoko	The University of Toky	Basic study on mechanically fastened joints of carbon fiber reinfor	T.S. Composites for aut	Mo3.3.4	Session Mo3.3	Monday 25th	15.50 - 16.10
664	MIYAKE	Takushi	Gifu University	Abstract Title (write here) Evaluation of machining damage aroun	G.S. Damage and fractu	Mo2.6.2	Session Mo2.6	Monday 25th	11.40 - 12.00
666	Davey	Seb	Australian National Un	Investigation into the Formability of Carbon Fibre/Polyetherimide	T.S. Processing and Fab	Tu3.11.3	Session Tu3.11	Tuesday 26th	15.30 - 15.50
668	Kalyanasundar	Shankar	The Australian Nation	Forming Analysis of Composite and Fibre-Metal Laminate Systems	T.S. Processing and Fab	Tu3.11.4	Session Tu3.11	Tuesday 26th	15.50 - 16.10
671	Oh	Hyun-ju	Chonbuk National Univ	The effect of electrospun meta-aramid nanofibers on the epoxy ac	T.S. Joints in composite	Mo2.7.4	Session Mo2.7	Monday 25th	12.20 - 12.40
675	Kang	Tae-Hyung	Seoul National Univer	Shape Memory Polymer Composites for Energy Harvesting	T.S. Polymer composite	We4.2.3	Session We4.2	Wednesday 27th	17.30 - 17.50
680	Akhavan Zanjal	Nima	Australian National Un	An Investigation on the effect of aspect ratio variations on induc	T.S. Processing and Fab	Tu3.11.5	Session Tu3.11	Tuesday 26th	16.10 - 16.30
686	Threepopnatk	Poonsub	Silpakorn University o	STUDY OF SURFACE TREATMENT OF PINEAPPLE LEAF FIBER (PALF)	T.S. Composites from R	Tu1.13.2	Session Tu1.13	Tuesday 26th	8.50 - 9.10
687	Abraham	Eldho	CMS College, Kottaya	Preparation and characterization of green nanocomposites based	T.S. Sustainable Compo	Th2.8.1	Session Th2.8	Thursday 28th	11.20 - 11.40
690	Sánchez Cebriá	Alberto	ETH Zürich	Multistep heating to optimize curing process of a paste adhesive	T.S. Joining of composi	We2.11.3	Session We2.11	Wednesday 27th	12.00 - 12.20
693	Laffan	Matthew JO	Imperial College Lond	An experimental investigation of mixed-mode translaminar fractu	G.S. Damage and fractu	Th1.13.4	Session Th1.13	Thursday 28th	9.30 - 9.50
696	KOBARA	Nozomi	Graduate School, Kan	Time and Temperature Dependence of Tensile Strength of Undire	O.N.R. session	Mo3.5.6	Session Mo3.5	Monday 25th	16.30 - 16.50
699	kanny	Krishnan	Durban University of T	FATIGUE STUDIES OF UNTREATED AND NaOH-CLAY TREATED SISA	T.S. Biocomposites: syn	We1.2.5	Session We1.2	Wednesday 27th	9.50 - 10.10
705	Urena	Alejandro	Universidad Rey Juan	Nanostructured epoxy adhesives modified with self-assembling bl	T.S. Joining of composi	We3.11.4	Session We3.11	Wednesday 27th	15.50 - 16.10
709	Quero Lopez	Vinas	EADS-CASA Airbus Mi	Research activities on Nano-materials and Electromagnetic Protec	G.S. Multifunctional cor	Th3.6.1	Session Th3.6	Thursday 28th	14.50 - 15.10
711	Lukaszewicz	Dirk	BWM Group	Experimental Investigation of Composite Structures during Dynam	T.S. Composites under c	Mo2.13.5	Session Mo2.13	Monday 25th	12.40 - 13.00
713	Ivanov	Dmitry	University of Bristol	Local compressibility of draped woven fabrics	T.S. 3D fiber preforming	Tu3.9.3	Session Tu3.9	Tuesday 26th	15.30 - 15.50
719	Horejsi	Konstantin	University of Leoben	Process selection optimization of CFRP parts in the aerospace indu	T.S. Liquid composite m	Tu1.11.3	Session Tu1.11	Tuesday 26th	9.10 - 9.30
720	Grieser	Timo	IWW GmbH	Production of Continuously Formed High Performance Preforms fr	T.S. 3D fiber preforming	Tu3.9.5	Session Tu3.9	Tuesday 26th	16.10 - 16.30
723	Füllriede	Hendrik	Leibniz Universitaet H	Silica nanoparticles with anisotropic shape as fillers for dental cor	G.S. Hybrid composites	We2.10.2	Session We2.10	Wednesday 27th	11.40 - 12.00
724	Bodogni	Enrico	Università di Parma	CREATING FINITE ELEMENT MODELS OF 3D WOVEN FABRICS AND	T.S. Mechanical behavi	Tu4.13.1	Session Tu4.13	Tuesday 26th	16.50 - 17.10
725	Demircan	Özgür	Kyoto Institute of Tecl	Effect of stitch and reinforcement yarn types on mechanical prop	G.S. Processing and ma	We4.4.4	Session We4.4	Wednesday 27th	17.50 - 18.10
726	Moolkaew	Wiriyu	Silpakorn University	Preparation of High Impact Polystyrene (HIPS) with Enhanced Plan	T.S. Daniela Tabuani - F	Tu1.3.3	Session Tu1.3	Tuesday 26th	9.10 - 9.30
727	Fauster	Ewald	Montanuniversitaet Le	modular model-based processing concept for an optimized pultr	G.S. Processing and ma	Tu1.8.2	Session Tu1.8	Tuesday 26th	8.50 - 9.10
729	CHEN	Yu	Numerical Modeling of Damage Initiation and Failure Process in Pl	G.S. Nanocomposites: N	We4.9.5	Session We4.9	Wednesday 27th	18.10 - 18.30	
732	Stackler	Matthieu	Université de Technol	Study and analysis of mixed mode (I + II) crack propagation mecha	G.S. Damage and fractu	Th1.13.5	Session Th1.13	Thursday 28th	9.50 - 10.10
735	Hildebrandt	Klaus	Institut für Verbundw	Development of a unit cell model to simulate the surface during t	T.S. Processing of therm	We1.4.4	Session We1.4	Wednesday 27th	9.30 - 9.50
736	Coletti	Marc	TA Instruments - A div	Evaluation of the barrier effect to humidity of surface treatments	G.S. Mechanical and ph	Mo3.10.2	Session Mo3.10	Monday 25th	15.10 - 15.30
739	Glage	Alexander	TU Bergakademie Frei	Low cycle fatigue behavior of powder metallurgy stainless steel/V	T.S. Fatigue of composi	Tu2.7.3	Session Tu2.7	Tuesday 26th	12.00 - 12.20
744	Manes	Andrea	Politecnico di Milano	Strain rate effects on Nomextm honeycomb core involved in low v	T.S. Shock compression	Tu1.12.4	Session Tu1.12	Tuesday 26th	9.30 - 9.50
747	schipperen	Ingrid	tno	Validation of a progressive failure prediction tool for dynamically	T.S. Composites under c	Mo3.13.3	Session Mo3.13	Monday 25th	15.30 - 15.50

748	Hirano	Yoshiyasu	Japan Aerospace Expl	Damage behavior of CFRP laminate with a fastener subjected to si	T.S. Composite materia	Tu4.5.1	Session Tu4.5	Tuesday 26th	16.50 - 17.10
749	Pietrzak	Katarzyna	Institute of Electronic	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF HOT-PRESS	G.S. Mechanical and ph	Mo2.10.4	Session Mo2.10	Monday 25th	12.20 - 12.40
750	Tran	Le Quan Ng	Katholieke Universitei	COIR FIBRE COMPOSITES: FROM FIBRE PROPERTIES TO INTERFACI	T.S. Bio-based /natural	Mo3.1.4	Session Mo3.1	Monday 25th	15.50 - 16.10
752	Hardiman	Mark	University of Limerick	Experimentation and Numerical Modelling of Nanoindentation of	G.S. Damage and fractu	Mo2.6.5	Session Mo2.6	Monday 25th	12.40 - 13.00
757	MBACKE	MAMADOU	MINES PARISTECH	Predicting mechanical behaviour and damage kinetics of a 3D inte	T.S. Multiscale analysis	We3.1.2	Session We3.1	Wednesday 27th	15.10 - 15.30
758	Trabelsi	Wassim	Mines ParisTech	Durability of a 3D woven composite assisted by finite element m	T.S. Multiscale analysis	We3.1.1	Session We3.1	Wednesday 27th	14.50 - 15.10
759	Lani	Frédéric	Université Catholique	Numerical study of the relationship between transverse matrix cr	T.S. Fracture and Dama	Th3.2.3	Session Th3.2	Thursday 28th	15.30 - 15.50
760	Rieber	Gunnar	Institut für Verbundw	Influence of textile parameters on the permeability of reinforcem	T.S. Liquid composite m	Tu2.11.2	Session Tu2.11	Tuesday 26th	11.40 - 12.00
761	Allen	Robert	University of Exeter	Wetting Mechanisms of Vertically Aligned Carbon Nanotube (VAC	T.S. Additive Manufactu	Mo4.12.1	Session Mo4.12	Monday 25th	16.50 - 17.10
765	Chmielewski	Marcin	Institute of Electronic	Effect of rhenium addition on the strengthening of chromium-alur	G.S. Mechanical and ph	Mo2.10.5	Session Mo2.10	Monday 25th	12.40 - 13.00
766	ALLEMAND	Alexandre	CEA	Protection against oxidation, by CVD or SPS coatings of Hafnium C	T.S. Composites for aeri	We3.5.1	Session We3.5	Wednesday 27th	14.50 - 15.10
769	Qian	Cheng	Knowledge Centre WP	Fatigue simulations of multiple-fibre unit cells and meso-models o	G.S. Multiscale modellir	Mo3.8.2	Session Mo3.8	Monday 25th	15.10 - 15.30
770	Moehle	Enrico	Technical University B	Behaviour of Impacted Asymmetric Sandwich Shells under Axial C	G.S. Testing and charac	Th1.10.4	Session Th1.10	Thursday 28th	9.30 - 9.50
772	SOHIER	Laurent	LBMS	Analysis of the mechanical behaviour of composites and their bon	T.S. Joints in composite	Mo4.7.1	Session Mo4.7	Monday 25th	16.50 - 17.10
775	COGNARD	Jean Yves	ENSTA Bretagne	Analysis of the behaviour of wood and welded wood under tensile	G.S. Testing and charac	Th1.10.1	Session Th1.10	Thursday 28th	8.30 - 8.50
777	Fabré	Maarten	Katholieke Universitei	Heating shape memory polymers in alternative ways: Microwave	G.S. Applications 1 - Ma	Th2.6.5	Session Th2.6	Thursday 28th	12.40 - 13.00
779	Trujillo	Eduardo	Universiteit Katholie	Weibull statistics of bamboo fibre bundles: methodology for tensi	T.S. Natural fibre and bi	Th2.1.1	Session Th2.1	Thursday 28th	11.20 - 11.40
785	Ward	Ian	University of Leeds	Developing the next generation of single polymer/carbon fibre hy	G.S. Polymer matrix cor	Tu4.12.2	Session Tu4.12	Tuesday 26th	17.10 - 17.30
786	Lenz	Franziska	University of Bayreuth	Fabrication of Ceramic Matrix Composites with MAX Phase Contai	G.S. Ceramic matrix: Pri	We1.14.1	Session We1.14	Wednesday 27th	8.30 - 8.50
794	OZDEN YENIGU	ELIF	SABANCI UNIVERSITY	TRACING THE SUPERIOR THERMO-MECHANICAL PROPERTIES IN N	G.S. Multiscale modellir	Th3.5.3	Session Th3.5	Thursday 28th	15.30 - 15.50
798	Schlimper	Ralf	Fraunhofer Institute f	Influence of mesoscopic foam structure on face sheet debonding i	G.S. Damage and fractu	Th4.13.1	Session Th4.13	Thursday 28th	16.50 - 17.10
799	Bouhala	Lyazid	CRP Henri Tudor	Debonding in reinforced composite by an XFEM Cohesive model	T.S. Micromechanics an	Mo4.9.4	Session Mo4.9	Monday 25th	17.50 - 18.10
800	CAMPO	MONICA	UNIVERSITY REY JUAN	Interlaminar properties of multiscale carbon nanofiber filled carb	G.S. Hybrid composites	We3.10.4	Session We3.10	Wednesday 27th	15.50 - 16.10
801	Erceg	Matko	Faculty of Chemistry	Preparation and characterization of poly(ethylene oxide)/lithium r	T.S. Composite materia	We1.12.5	Session We1.12	Wednesday 27th	9.50 - 10.10
804	Samoshina	Marina	National University of	Mechanically alloyed composite materials based on dumping wast	T.S. Metal matrix comp	Th2.12.5	Session Th2.12	Thursday 28th	12.40 - 13.00
807	Narnhofer	Matthias	Montanuniversität Le	CFD Simulations of a hot gas torch for the thermoplastic tape plac	T.S. Processing of therm	We1.4.5	Session We1.4	Wednesday 27th	9.50 - 10.10
808	Georges Bertra	KAMGAIN	Mines-paristech (écol	Abstract Title (the prediction of delamination in a five harness sati	T.S. Delamination and it	Mo2.2.5	Session Mo2.2	Monday 25th	12.40 - 13.00
810	Munoz	Raul	Imdea Materials Instit	Mechanical characterisation of 3D woven materials under impact	T.S. Mechanical behavi	Tu4.13.3	Session Tu4.13	Tuesday 26th	17.30 - 17.50
812	Chaudhari	Raman	Fraunhofer ICT	Characterization of High Pressure RTM Processes for manufactur	T.S. Liquid composite m	Tu2.11.4	Session Tu2.11	Tuesday 26th	12.20 - 12.40
813	Young	Robert	University of Manchex	Optimization of the Reinforcement of Polymer-Based Nanocompo	T.S. Graphene-based Pc	Th2.5.1	Session Th2.5	Thursday 28th	11.20 - 11.40
814	Grail	Gaël	ONERA	MESO-SCALE MODELING OF WOVEN COMPOSITES: FROM FABRIC	T.S. Textile composites	We2.7.4	Session We2.7	Wednesday 27th	12.20 - 12.40
816	Grauers	Lisa	Swerea SICOMP	Deformation processes in composites preforms	G.S. Experimental Tech	We4.8.2	Session We4.8	Wednesday 27th	17.10 - 17.30
822	Cauda	Valentina	Italian Institute of Tec	Confined polymeric nanowires into porous alumina matrix as com	G.S. Nanocomposites: A	Th1.11.4	Session Th1.11	Thursday 28th	9.30 - 9.50
823	Sanderson	Andrew	University of Surrey	Monitoring the disbonding of a CFRP plate-bonded reinforcement	G.S. Damage and fractu	Th3.13.3	Session Th3.13	Thursday 28th	15.30 - 15.50
824	Ghidini	Massimo	University of Cambrid	Thermal and electrical control of perpendicular magnetic anisotro	T.S. Multiferroic-magne	Tu3.6.3	Session Tu3.6	Thursday 26th	15.30 - 15.50
829	chang	HONG	University of Exeter	Ultra rapid sintering and characterisation of novel inorganic fuller	G.S. Nanocomposites: P	We4.6.5	Session We4.6	Wednesday 27th	18.10 - 18.30
831	Weiland	Frank	EUROCOPTER	A simple model to predict the temperature profile during ultraso	T.S. Liquid composite m	Tu1.11.1	Session Tu1.11	Tuesday 26th	8.30 - 8.50
833	Justusson	Brian	University of Michiga	High strain rate deformation response of 3D woven composites su	T.S. Shock compression	Tu1.12.5	Session Tu1.12	Tuesday 26th	9.50 - 10.10
839	Yoshimura	Akinori	Japan Aerospace Expl	3D Simulation of High-Velocity Impact Damage Progress in the CF	T.S. Composites under c	Mo3.13.4	Session Mo3.13	Monday 25th	15.50 - 16.10
841	Kempf	Manuel	University of Bayreuth	Acoustic emission analysis for quantitative characterisation of the	G.S. Damage and fractu	Th3.13.4	Session Th3.13	Thursday 28th	15.50 - 16.10
843	Dickert	Matthias	Clausthal University o	Influence of Binder on the Mechanical Properties and the Permea	G.S. Polymer matrix cor	Mo2.14.1	Session Mo2.14	Monday 25th	11.20 - 11.40
848	Toldy	Andrea	Budapest University o	Development of MWCNT/carbon fiber reinforced composite for a	G.S. Hybrid composites	We2.10.3	Session We2.10	Wednesday 27th	12.00 - 12.20
851	Sato	Narumichi	TORAY	Novel test method for characterizing accurate intra-laminar fractu	T.S. Delamination and it	Mo3.2.1	Session Mo3.2	Monday 25th	14.50 - 15.10
856	Sheikh Md Fad	Siti H	University of Liverpool	The effect of angle of incidence on the impact response of compo	G.S. Damage and fractu	Tu3.10.2	Session Tu3.10	Tuesday 26th	15.50 - 16.30
858	Tesinova	Pavla	Technical University o	COMPUTED PROPERTIES OF WOVEN REINFORCED COMPOSITE M	G.S. Multiscale modellir	Mo3.8.4	Session Mo3.8	Monday 25th	15.50 - 16.10
860	Buffel	Bart	KULeuven - KHBO	Elastic behaviour of cellular polyurethane materials as core mater	G.S. Multiscale modellir	Mo2.8.3	Session Mo2.8	Monday 25th	12.00 - 12.20
864	Mohammad M	Kheirikhah	Islamic Azad University	High Order Analytical and 3D Finite Element Solution for Biaxial U	G.S. Sandwich technolo	Th3.10.3	Session Th3.10	Thursday 28th	15.30 - 15.50
865	Scapin	Martina	Politecnico di Torino	Investigation of the mechanical behaviour of Metal-Diamond Com	G.S. Metal matrix comp	Th4.12.1	Session Th4.12	Thursday 28th	16.50 - 17.10
867	Morton	Hannah	University of Souther	Quantification of Carbon Fibre/Epoxy Resin Composite Failure Pro	G.S. Damage and fractu	Th3.13.5	Session Th3.13	Thursday 28th	16.10 - 16.30
869	HENRY	Edwin	Université catholique	Thermoplastic as carrier of nanofillers into carbon fiber-epoxy res	G.S. Nanocomposites: P	We1.6.4	Session We1.6	Wednesday 27th	9.30 - 9.50
870	Fleckenstein	Johanna	Fraunhofer LBF	Mean stress effect on the cyclic fatigue strength of oriented SMC	T.S. Fatigue of composit	Tu2.7.4	Session Tu2.7	Tuesday 26th	12.20 - 12.40
874	Drozdzov	Aleksey	Danish Technological	Cyclic viscoelasticity and viscoplasticity of polypropylene/clay nan	G.S. Nanocomposites: N	We3.9.5	Session We3.9	Wednesday 27th	16.10 - 16.30
876	Peroni	Lorenzo	Politecnico di Torino	High strain-rate mechanical behaviour of a copper matrix composi	T.S. Shock compression	Tu2.12.1	Session Tu2.12	Tuesday 26th	11.20 - 11.40
880	HERNANDEZ	SILVIA	Institute IMDEA Mate	Analysis of curing cycle effect on processing voids distribution and	T.S. Manufacturing defe	We1.9.2	Session We1.9	Wednesday 27th	8.50 - 9.10
885	Hartmann	Marco	AKTS AG	Application of isoconversional kinetics for prediction of the lifetim	G.S. Durability and agei	Th3.14.1	Session Th3.14	Thursday 28th	14.50 - 15.10
886	Mathur	Neil	University of Cambrid	Electrically driven magnetic reversal with no magnetic field	T.S. Multiferroic-magne	Tu3.6.4	Session Tu3.6	Tuesday 26th	15.50 - 16.10
887	Lecouvet	Benoît	University of Louvain	THERMAL AND FIRE BEHAVIOR OF POLYETHERSULFONE/HALLOYSI	T.S. Daniela Tabuani - F	Tu1.3.2	Session Tu1.3	Tuesday 26th	8.50 - 9.10
889	laik	suzanne	INSA Lyon	Influence of residual stress on the delamination and shear respon	G.S. Mechanical and ph	Mo3.10.5	Session Mo3.10	Monday 25th	16.10 - 16.30
895	Yamamoto	Go	Tohoku University	Measurements of Carbon Nanotube Tensile Strength and Mechan	T.S. CNT nanocomposit	Tu2.2.3	Session Tu2.2	Tuesday 26th	12.00 - 12.20
896	Zubillaga	Lierni	IK4-Ikerlan	A failure criteria for free-edge and matrix crack induced delamina	T.S. Delamination and it	Mo3.2.2	Session Mo3.2	Monday 25th	15.10 - 15.30
902	Cerny	Ivo	SVUM a.s.	Verifying the potential of fibre optic sensors to monitor strains an	G.S. Experimental Tech	We2.8.5	Session We2.8	Wednesday 27th	12.40 - 13.00
905	Savina	Irina	University of Brighton	Macroporous highly permeable composites with nanoparticles.	T.S. Composite materia	Tu3.8.1	Session Tu3.8	Tuesday 26th	14.50 - 15.10
907	Wilmes	Andre	Imperial College Lond	A MOLECULAR DYNAMICS DERIVED FINITE ELEMENT METHOD FO	T.S. Computer aided de	Tu1.1.2	Session Tu1.1	Tuesday 26th	8.50 - 9.10
911	Bens	Jan	Lessius Mechelren - Ca	Development of material- and energy-efficient metal sheet based	G.S. Low cost technolog	We4.11.1	Session We4.11	Wednesday 27th	16.50 - 17.10
912	Ma	Li	Harbin Institute of Tec	Design and Fabrication of Carbon Fiber Reinforced Composite Tru	G.S. Mechanical and ph	Th1.7.3	Session Th1.7	Thursday 28th	9.10 - 9.30
914	Gary	Seidel	Virginia TechAerospac	Computational Multiscale Modeling of Piezoresistivity in Polymer	G.S. Multiscale modellir	Tu3.1.6	Session Tu3.1	Tuesday 26th	16.30-16.50
915	nadot-martin	carole	Pprime - ENSMA - Uni	FATIGUE LIFE ASSESSMENT FOR SHORT FIBER REINFORCED POLYV	T.S. Short fiber composi	Mo4.11.2	Session Mo4.11	Monday 25th	17.10 - 17.30
916	Freire	Carmen	University of Aveiro	Nanocellulose fibers and other natural polymers as unique piec	T.S. Sustainable Compo	Th2.8.4	Session Th2.8	Thursday 28th	12.20 - 12.40
921	Marotzke	Christian	BAM	Failure of Composites under Transverse Loading - a Fracture Mech	T.S. Micromechanics an	Mo3.9.5	Session Mo3.9	Monday 25th	16.10 - 16.30
922	Vo Hong	Nhan	Katholieke Universitei	Preparation of biocomposites based on gluten resin and unidirect	T.S. Natural fibre and bi	Th2.1.2	Session Th2.1	Thursday 28th	11.40 - 12.00
924	Krimmer	Alexander	EUROS GmbH	An approach for the explicit determination of the in-situ modulus	G.S. Mechanical and ph	Th2.7.3	Session Th2.7	Thursday 28th	12.00 - 12.20
927	Hassan	Azman	University Teknologi M	Tensile, Barrier and Biodegradation Studies of Hybrid Rice-Husk/	G.S. Hybrid composites	We2.10.4	Session We2.10	Wednesday 27th	12.20 - 12.40
931	Mohan	Ram	North Carolina A&T St	Atomistic Modeling in Polymer Nanocomposite Systems - Applicat	G.S. Multiscale modellir	Mo4.8.5	Session Mo4.8	Monday 25th	18.10 - 18.30
932	Zigany	Tibor	Budapest University o	A comparative analysis of hollow and solid glass fiber reinforced c	G.S. Fibers and matrice	Tu1.14.3	Session Tu1.14	Tuesday 26th	9.10 - 9.30
937	Trappe	Volker	BAM	Modelling the damage behaviour of short fibre reinforced compos	T.S. Short fiber composi	Mo3.11.5	Session Mo3.11	Monday 25th	16.10 - 16.30
939	TANAKA	FUMIHIKO	The University of Man	The Effect of Nanostructure upon the Deformation Micromechani	G.S. Fiber performances	Tu2.14.4	Session Tu2.14	Tuesday 26th	12.20 - 12.40
940	Erçin	Gülsüm Hila	Inegi - University of Pi	SIZE EFFECTS ON THE TENSILE AND COMPRESSIVE FAILURE OF NO	T.S. Composites for aeri	We3.5.2	Session We3.5	Wednesday 27th	15.10 - 15.30
941	Moya	Xavier	University of Cambrid	Photoemission electron microscopy of multiferroic heterostructur	T.S. Multiferroic-magne	Tu3.6.5	Session Tu3.6	Tuesday 26th	16.10 - 16.30
943	Arnold	Ulrich	Karlsruhe Institute of	Manufacture of composites based on thermosets and renewables	T.S. Biocomposites: syn	We2.2.1	Session We2.2	Wednesday 27th	11.20 - 11.40
944	Catapano	Anita	UPMC Paris 6 and CRF	Strength optimisation of orthotropic plates through invariant for	G.S. Mechanical and ph	Th3.7.1	Session Th3.7	Thursday 28th	14.50 - 15.10
946	Gabr	Mohamed	Doshisha University	Mechanical, thermal, and moisture absorption properties of nano	G.S. Bio-based composit	Mo3.14.4	Session Mo3.14	Monday 25th	15.50 - 16.10
947	HALM	Damien	ENSMA	One year OSIRHYS IV project synthesis: qualification of codes for n	T.S. Composite material	We4.12.1	Session We4.12	Wednesday 27th	16.50 - 17.10
950	Bois	Christophe	Université de Bordeaux	Design of hybrid (bonded/fastener) composite joints: from load tr	T.S. Joining of composit	We2.11.4	Session We2.11	Wednesday 27th	12.20 - 12.40
951	KINET	Damien	University of Mons	Structural health monitoring of composite materials with Fibre Br	T.S. Structural Health M	Tu3.14.1	Session Tu3.14	Tuesday 26th	14.50 - 15.10
952	Vanaerschot	Andy	K.U.Leuven	Statistical description of the internal geometry of a polymer textil	T.S. Mechanical behavi	We1.7.3	Session We1.7	Wednesday 27th	9.10 - 9.30
953	Njuhovic	Edin	University of Bayreuth	Chemical surface treatment of PES modified epoxy resin and the i	T.S. Composite materia	We3.12.5	Session We3.12	Wednesday 27th	16.10 - 16.30
954	ABOURA	ZOHEIR	University of Technol	Finite elements modeling of mechanical behavior of 3D composite	T.S. Mechanical behavi	Tu4.13.2	Session Tu4.13	Tuesday 26th	17.10 - 17.30
955	Paul	Hanna	Fraunhofer IWM	Evaluation of the joining mechanisms of polymer metal componen	T.S. Joining of composit	We3.11.5	Session We3.11	Wednesday 27th	16.10 - 16.30
956	Karatzas	Vassilios	NTUA	A parametric investigation of the response of directly laminated c	T.S. Joints in composite	Mo3.7.3	Session Mo3.7	Monday 25th	15.30 - 15.50
959	Duchemin	Benoit	Le Havre University	Hybrid sustainable nanocomposites containing nanocellulose fibre	T.S. Sustainable Compo	Th2.8.2	Session Th2.8	Thursday 28th	11.40 - 12.00
960	LONG	Mardy	Laboratoire Génie Civ	Durability of CFRP-concrete bonding in a marine environment	G.S. Hygrothermal dura	Th1.14.1	Session Th1.14	Thursday 28th	8.30 - 8.50
962	Hornig	Andreas	TU Dresden	Experimental and numerical evaluation of crash- and impact load	G.S. Testing and charac	Th1.10.2	Session Th1.10	Thursday 28th	8.50 - 9.10
967	Russo	Salvatore	Alenia Aeronautica	Thermoplastic concepts for aeronautical structures	T.S. Composites for aeri	We3.5.3	Session We3.5	Wednesday 27th	15.30 - 15.50

968	Neumeyer	Thomas	University of Bayreuth	Fire behaviour and mechanical properties of an epoxy hot-melt pr	T.S. Daniela Tabuani - F	Tu2.3.4	Session Tu2.3	Tuesday 26th	12.20 - 12.40
970	ELALDI	FARUK	University of BASKEN	AN EXPERIMENTAL STUDY ON RAPID COMPOSITE REPAIR TECHNIC	T.S. Composites repair	We4.7.2	Session We4.7	Wednesday 27th	17.10 - 17.30
973	Arexabaleta	Laurentzi	Mondragon Goi Eskol	De-icing of carbon composite plates by piezoelectric actuators	T.S. Composites for aer	We3.5.4	Session We3.5	Wednesday 27th	15.50 - 16.10
974	ARVIEU	CORINNE	Université Bordeaux1	NUMERICAL SIMULATION OF HEAT AND MASS TRANSFER DURING G	T.S. Metal matrix comp	Th4.12.2	Session Th4.12	Tuesday 28th	17.10 - 17.30
976	Engström	Jonas	Swerea SICOMP AB	CHARACTERIZATION OF CARBON NANOTUBE DOPED CARBON FIB	G.S. Multifunctional cor	Th3.6.2	Session Th3.6	Thursday 28th	15.10 - 15.30
977	Phuong	Thanh Vu	Pisa University	Green&E Biocomposites Based on Cellulose Diacetate and Nat	T.S. Natural fibre and bi	Th3.1.3	Session Th3.1	Thursday 28th	15.30 - 15.50
978	KURASHIKI	Tetsusei	Osaka University	Effects of Stitching Parameters on Damage Development for Non	T.S. Mechanical behavi	Tu3.13.5	Session Tu3.13	Thursday 26th	16.10 - 16.30
979	Airoldi	Alessandro	Politecnico di Milano	A BI-PHASIC APPROACH TO MODEL PROGRESSIVE MATRIX DAMA	T.S. Fracture and Dama	Th3.2.4	Session Th3.2	Thursday 28th	15.50 - 16.10
983	YUSAL	Mehmet	Sakarya University	Wear Mechanisms of Bronze Matrix Composites Reinforced With	G.S. Metal matrix comp	Th4.12.3	Session Th4.12	Thursday 28th	17.30 - 17.50
984	Sket	Federico	IMDEA Materials Insti	Detailed damage mechanisms assessment in composites material	T.S. Fracture and Dama	Th4.2.1	Session Th4.2	Thursday 28th	16.50 - 17.10
986	Othman	Ramzi	Ecole Centrale de Nan	Testing the mechanical behaviour of a polypropylene-glass fibre ri	T.S. Composites under c	Mo3.13.5	Session Mo3.13	Monday 25th	16.10 - 16.30
990	Wu	Chang-Mou	FengChia University	GRAPHENE MODIFIED ELECTROSPUN PVA NANOFIBROUS MEMBR	T.S. Graphene-based Pc	Th1.5.5	Session Th1.5	Thursday 28th	9.50 - 10.10
993	Farmer	Benjamin	EADS UK Ltd	Strategies to combine nanocomposite and Additive Layer Manufa	T.S. Additive Manufactu	Mo4.12.2	Session Mo4.12	Monday 25th	17.10 - 17.30
998	Sanchez	Maria	Rey Juan Carlos Unive	Sensors based on epoxy matrix filled with carbon nanoparticles	T.S. Structural Health M	Tu3.2.4.2	Session Tu3.2.4	Tuesday 26th	15.10 - 15.30
1000	El-Dessouky	Hassan	University of Leeds	Ultra-Light Weight Thermoplastic Composites: Tow-spreading Tec	T.S. Processing of therm	We2.4.4	Session We2.4	Wednesday 27th	12.20 - 12.40
1001	Verpoest	Ignaas	Katholieke Universitei	Interlayer hybridization of unidirectional glass fibre composites wi	G.S. Damage and fractu	Mo4.6.4	Session Mo4.6	Monday 25th	17.50 - 18.10
1005	Regel	Franziska	University of Minho	Numerical modelling approach for 3d braided composites under le	T.S. Mechanical behavi	We1.7.1	Session We1.7	Wednesday 27th	8.30 - 8.50
1006	Ghita	Oana	University of Exeter	Analysis of recoated glass fibres recovered from hydrolysis proces	G.S. Fiber performances	Tu2.14.5	Session Tu2.14	Tuesday 26th	12.40 - 13.00
1013	laurin	frederic	ONERA	A MULTISCALE HYBRID DAMAGE AND FAILURE APPROACH FOR ST	T.S. Fracture and Dama	Th4.2.2	Session Th4.2	Thursday 28th	17.10 - 17.30
1015	Marchisio	Silvia	Politecnico di Torino	Carbon nanotubes - reinforced aluminium with improved yield str	G.S. Metal matrix comp	Th4.12.4	Session Th4.12	Thursday 28th	17.50 - 18.10
1016	Mugica	Joseba	Mondragon Univer	Impact characterization and simulation of a FML based on a self-re	T.S. Composites under c	Mo4.13.1	Session Mo4.13	Monday 25th	16.50 - 17.10
1020	Szolnoki	Beáta	Budapest University o	Comparison of additive and reactive phosphorus-based flame reta	G.S. Multifunctional cor	Th3.6.3	Session Th3.6	Thursday 28th	15.30 - 15.50
1021	Reine	Bénédict	Institut Clément Ader	Study of thermal behaviour of thermostat polymer matrix filled wit	G.S. Nanocomposites: P	We4.6.2	Session We4.6	Wednesday 27th	17.10 - 17.30
1023	Herreros	miguel-ange	ETSIN (UPM)	MaLECoN: a new fiber-metal hybrid laminated material for Offsho	T.S. Composites for win	Mo4.5.1	Session Mo4.5	Monday 25th	16.50 - 17.10
1024	Avril	Christophe	MAHYTEC	Development of flax-reinforced bio-composites for high-load bear	T.S. Biocomposites: syn	We3.2.4	Session We3.2	Wednesday 27th	15.50 - 16.10
1025	Gutkin	Renaud	Swerea SICOMP	Predicting fibre kinking and splitting using a finite fracture mech	G.S. Damage and fractu	Tu1.10.1	Session Tu1.10	Tuesday 26th	8.30 - 8.50
1027	MALLET	Irène	ISAE	Comparison between static and dynamic results for mode I and m	T.S. Fatigue of composit	Tu3.7.1	Session Tu3.7	Tuesday 26th	14.50 - 15.10
1029	Merijs Meri	Remo	Riga Technical Univers	Structure and properties of the nanocomposites developed on the	T.S. Structure-property	We4.5.4	Session We4.5	Wednesday 27th	17.50 - 18.10
1030	Komeili	Mojtaba	University of British C	INVERSE IDENTIFICATION OF MESO-LEVEL MATERIAL PROPERTIES	G.S. Testing and charac	Th1.10.3	Session Th1.10	Thursday 28th	9.10 - 9.30
1034	Cordenier	François	UCL	Addition of a block copolymer into carbon fiber/epoxy composites	G.S. Nanocomposites: P	We1.6.5	Session We1.6	Wednesday 27th	9.50 - 10.10
1039	Nassar	Eduardo	Universidade de Franc	Polyamide/Mesoporous Silica Core-Shell Systems: CTAB and TEOS	G.S. Hybrid composites	We3.10.1	Session We3.10	Wednesday 27th	14.50 - 15.10
1044	Geandier	Guillaume	Institut Jean Lamour	Structural evolution of steel-based MMC by high energy X-ray diff	T.S. Metal matrix comp	Th2.12.4	Session Th2.12	Thursday 28th	12.20 - 12.40
1048	Matveeva	Anna	University of Minho	Structure-property relationship in polymer nanocomposites	T.S. Structure-property	We4.5.3	Session We4.5	Wednesday 27th	17.30 - 17.50
1051	Pasari	Spyridon	Imperial College Lond	Investigating the damage-tolerant design of stiffener run-outs	G.S. Damage and fractu	Th4.13.2	Session Th4.13	Thursday 28th	17.10 - 17.30
1052	Enoksson	Peter	Chalmers University o	Ni/C/SiO2 nanostructured composites synthesized by carbonizatio	G.S. Nanocomposites: S	Th3.11.4	Session Th3.11	Thursday 28th	15.50 - 16.10
1054	JOLIFF	Yoann	MAPIEM - ISITV	Water diffusion in composite materials & Interfacial phenomena	G.S. Hygrothermal dura	Th1.14.2	Session Th1.14	Thursday 28th	8.50 - 9.10
1061	ASP	Leif	Swerea SICOMP	Structural battery materials	T.S. Composite materia	We1.12.1	Session We1.12	Wednesday 27th	8.30 - 8.50
1062	BELEC	Lénaïk	Labo MAPIEM	Comparative effects between natural exposure and accelerated ag	T.S. Effect of aggressive	Tu3.4.5	Session Tu3.4	Tuesday 26th	16.10 - 16.30
1063	LENZ E SILVA	GUILHERME	SAO PAULO UNIVERSI	Oxide-carbon refractories: ceramic matrix composites for high ten	G.S. Ceramic matrix: M	Th4.5.1	Session Th4.5	Thursday 28th	16.50 - 17.10
1069	Stassi	Stefano	Politecnico di Torino	An innovative copper-PDMS piezoresistive composite for flexible t	G.S. Polymer matrix cor	Mo2.14.2	Session Mo2.14	Monday 25th	11.40 - 12.00
1074	Alcock	Mercedes	Composites Innovatio	HIGH RESOLUTION CHARACTERISATION OF BIOFIBRE/RESIN INTER	T.S. Biocomposites: syn	We2.2.2	Session We2.2	Wednesday 27th	11.40 - 12.00
1076	Stocchi	Cesare	Imperial College Lond	Using Strain Gauges to Monitor Bolt Clamping Force and Fracture	T.S. Joints in composite	Mo2.7.2	Session Mo2.7	Monday 25th	11.40 - 12.00
1079	Steven	Phillips	McGill University	EXPERIMENTAL INVESTIGATION INTO VOID CONTENT AND MECHA	G.S. Bio-based composit	Th1.4.1	Session Th1.4	Thursday 28th	8.30 - 8.50
1081	Gonzalez	Carlos	UPM & IMDEA	Micromechanical modellin of the effect of hot-wet conditions on	T.S. Damage and fractu	Tu2.10.5	Session Tu2.10	Thursday 26th	12.40 - 13.00
1086	Yoshida	Yukihiro	Tokyo University of Sc	Statistical analysis of effect of polyamide veil layer on quality and	G.S. Testing and charac	Th2.10.2	Session Th2.10	Thursday 28th	11.40 - 12.00
1087	Lebrão	Guilherme	CEUN IMT / IPEN	Microwave assist functionalization of multi walled carbon nanotub	G.S. Nanocomposites: S	Th2.11.1	Session Th2.11	Thursday 28th	11.20 - 11.40
1088	DE ALMEIDA	Olivier	Ecole des Mines of Alb	Influence of processing parameters and semi-finished product on	G.S. Polymer matrix cor	Mo2.14.3	Session Mo2.14	Monday 25th	12.00 - 12.20
1089	Patsidis	Anastasios	University of Patras	Dielectric, thermomechanical and functional behavior of epoxy re	T.S. Polymer composite	We4.2.2	Session We4.2	Wednesday 27th	17.10 - 17.30
1092	Reilly	Susan	University of Strathcl	THE EFFECT OF AGING ON THE MECHANICAL PROPERTIES OF CARB	T.S. Interfaces and inte	We2.13.1	Session We2.13	Wednesday 27th	11.20 - 11.40
1093	Pinho	Silvestre	Imperial College Lond	Stochastic Modelling of Woven Composites	T.S. Textile composites	We2.7.6	Session We2.7	Wednesday 27th	13.00 - 13.20
1094	Kotoul	Michal	Brno University of Tec	Study of Crack Growth in Multilayered Ceramic/Ceramic Materials	G.S. Ceramic matrix: Pr	We2.14.3	Session We2.14	Wednesday 27th	12.00 - 12.20
1097	Elmarakbi	Ahmed	University of Sunderland	Numerical Analysis of delamination growth in composite material	T.S. Delamination and i	Mo3.2.3	Session Mo3.2	Monday 25th	15.30 - 15.50
1099	Lessard	Larry	McGill University	Multiscale Finite Element Analysis of Delamination Growth in a Dc	T.S. Delamination and i	Mo3.2.4	Session Mo3.2	Monday 25th	15.50 - 16.10
1102	Olsson	Robin	Swerea SICOMP AB	Testing of carbon/epoxy NCF strength under mixed in-plane loadin	G.S. Damage and fractu	Th1.13.2	Session Th1.13	Thursday 28th	8.50 - 9.10
1112	ORGEAS	Laurent	CNRS / Université de	Microstructures and deformation micromechanisms in deformed	T.S. Micromechanics an	Mo4.9.5	Session Mo4.9	Monday 25th	12.10-18.30
1113	Breitzman	Timothy	US Air Force Research	Discreet Damage Modeling in Open Hole Composite Laminates	G.S. Damage and fractu	Tu2.10.2	Session Tu2.10	Tuesday 26th	11.40 - 12.00
1115	Denev	Yordan	Prof. Asen Zlatarov U	STUDY ON A THERMOPLASTIC ELASTOMER MATERIAL BASED ON	G.S. Polymer matrix cor	We4.13.2	Session We4.13	Wednesday 27th	17.10 - 17.30
1120	Kelkar	Ajit	Joint School of Nanos	COMPRESSION AFTER IMPACT BEHAVIOR OF ELECTROSPUN NANOC	G.S. Mechanical and ph	Mo3.10.6	Session Mo3.10	Monday 25th	16.30 - 16.50
1122	Soleiman Fallal	Arash	Imperial College Lond	Mesh-insensitive finite element modelling of strain-rate-depende	T.S. Shock compression	Tu2.12.2	Session Tu2.12	Tuesday 26th	11.40 - 12.00
1124	Fragoudakis	Roselita	Tufts University	USING FAILURE THEORIES TO DETERMINE OPTIMAL STACKING SEC	G.S. Damage and fractu	Tu1.10.5	Session Tu1.10	Tuesday 26th	9.50 - 10.10
1125	Micallef	Karl	Imperial College Lond	On constitutive modelling of rate-dependence in orthotropic elast	T.S. Shock compression	Tu2.12.3	Session Tu2.12	Tuesday 26th	12.00 - 12.20
1128	Struzziero	Giacomo	Cranfield University	Multi-Objective optimisation of composites cure using genetic alg	G.S. Processing and ma	Tu1.8.4	Session Tu1.8	Tuesday 26th	9.30 - 9.50
1133	Sarasini	Fabrizio	Sapienza - Università	THERMAL AND MECHANICAL BEHAVIOUR OF PHORMIUM TENAX	T.S. Bio-based /natural	Mo3.1.5	Session Mo3.1	Monday 25th	16.10 - 16.30
1136	Goto	Kentaro	The University of Toky	Practical Design and Evaluation of CFRTP Body Structures for Micr	T.S. Composites for aut	Mo3.3.5	Session Mo3.3	Monday 25th	16.10 - 16.30
1137	George	Andrew	Swerea SICOMP	Void characterization and membrane selection in the Vacuum Ass	G.S. Processing and ma	Tu1.8.5	Session Tu1.8	Tuesday 26th	9.50 - 10.10
1141	Ankersen	Jesper	Imperial College Lond	Dynamic fracture in CFRP panels under compressive loading	G.S. Damage and fractu	Th4.13.3	Session Th4.13	Thursday 28th	17.30 - 17.50
1146	Harstad	Eric	Sandia National Labor	Modeling Layered Composite Materials using MPM in an Eulerian	T.S. Shock compression	Tu2.12.4	Session Tu2.12	Tuesday 26th	12.20 - 12.40
1147	Shamsuddin	Siti Rosmina	Imperial College Lond	Carbon fibre reinforced PVDF composites: An alternative material	G.S. Polymer matrix cor	Mo2.14.4	Session Mo2.14	Monday 25th	12.20 - 12.40
1148	Koricho	Ermias	Politecnico Di Torino	Crashworthiness analysis of a composite and thermoplastic foam	T.S. Composites for aut	Tu2.8.5	Session Tu2.8	Tuesday 26th	12.40 - 13.00
1150	Martorana	Brunetto	Centro Ricerca Fiat	Adhesive Joining Technologies Activated by External Trims for Aut	T.S. Composites for aut	Mo3.3.6	Session Mo3.3	Monday 25th	16.30 - 16.50
1154	Pavese	Matteo	Politecnico di Torino	Efficient dispersion of carbon nanotubes in polyvinyl butyral and n	G.S. Nanocomposites: P	We2.6.1	Session We2.6	Wednesday 27th	11.20 - 11.40
1155	Horita	Masaomi	Shinshu University	Mechanical properties of Ti / Al composite material by Compressi	G.S. Mechanical and ph	Mo4.10.1	Session Mo4.10	Monday 25th	16.50 - 17.10
1157	Pillay	Selvum	UAB (University of Al	Processing and Characterization of Hemp Fiber Reinforced Polyp	T.S. Biocomposites: syn	We2.2.4	Session We2.2	Wednesday 27th	12.20 - 12.40
1162	Hatsukade	Yoshimi	Toyohashi University	Nondestructive Evaluation Using Superconducting Quantum Interf	G.S. NDE technologies	Mo4.4.2	Session Mo4.4	Monday 25th	17.10 - 17.30
1163	Nakamura	Rie	Nihon University	Effect of Yarn Structure on Mechanical Properties of Twisted Yarn	G.S. Bio-based composit	Th1.4.2	Session Th1.4	Thursday 28th	8.50 - 9.10
1169	Bettini	Paolo	Politecnico di Milano	Embedded Fibre Optic Techniques for Primary Structural Compon	G.S. Health monitoring	We4.14.4	Session We4.14	Wednesday 27th	17.50 - 18.10
1173	Le Corre	Steven	Université de Nantes	A 3D image analysis method for fibrous microstructures: discretiz	T.S. Micro-CT applicatio	Tu4.8.3	Session Tu4.8	Tuesday 26th	17.30 - 17.50
1175	Nitta	Yuji	Yamaguchi University	Effect of Alkali-Treatment on Tensile Properties of Kenaf Long Fib	T.S. Natural fibre and bi	Th1.1.2	Session Th1.1	Thursday 28th	8.50 - 9.10
1180	Harjkova	Galina	Riga Technical Univers	MECHANICAL PROPERTIES CHARACTERIZATION BY INVERSE TECH	T.S. Mechanical behavi	We1.7.4	Session We1.7	Wednesday 27th	9.30 - 9.50
1181	Lee	Koonyang	Imperial College Lond	BACTERIAL CELLULOSE AS THE BINDER FOR NATURAL FIBRE PREFE	G.S. Bio-based composit	Th3.4.2	Session Th3.4	Thursday 28th	15.10 - 15.30
1183	Bismarck	Alexander	Imperial College Lond	NANO-FIBRILLATED CELLULOSE VS BACTERIAL CELLULOSE: REINFO	G.S. Bio-based composit	Mo4.1.1	Session Mo4.1	Monday 25th	16.50 - 17.10
1185	COLIN	Xavier	ARTS ET METIERS Pari	A non-empirical kinetic model for the prediction of mass and elast	T.S. Durability of organi	Tu2.4.4	Session Tu2.4	Tuesday 26th	12.20 - 12.40
1188	Motochika	Toshihiro	kyoto institute of tech	Development of Pulltrusion System for Fiber Hybrid Braided Comp	G.S. Hybrid composites	We1.10.5	Session We1.10	Wednesday 27th	9.50 - 10.10
1191	Pimenta	Soraia	Imperial College Lond	Hierarchical scaling laws for the longitudinal strength and toughne	T.S. Fracture and Dama	Th1.2.1	Session Th1.2	Thursday 28th	8.30 - 8.50
1194	nasir	vahid	tehranraymand consu	Comparison between the Corrosion Mechanism and Crack Format	T.S. Effect of aggressive	Tu3.4.1	Session Tu3.4	Tuesday 26th	14.50 - 15.10
1196	Ivanov	Sergey	KULeuven	MESO-FE MODELS OF TIGHT 3D WOVEN STRUCTURES	T.S. Mechanical behavi	Tu3.13.3	Session Tu3.13	Tuesday 26th	15.30 - 15.50
1198	HIVET	gilles	University of Orleans	Consistent geometrical model of interlock and 3D fabrics	T.S. Mechanical behavi	Tu3.13.4	Session Tu3.13	Tuesday 26th	15.50 - 16.10
1200	BEN	GOICHI	College of Industrial T	Optimum Structural Design of CFRP Isogrid Cylindrical Shells	G.S. Optimization of lan	Mo3.4.3	Session Mo3.4	Monday 25th	15.30 - 15.50
1208	Schledjewski	Ralf	University of Leoben	Comparison of permeability measurement of several fibre textiles	T.S. Liquid composite m	Tu2.11.1	Session Tu2.11	Tuesday 26th	11.20 - 11.40
1210	Suzuki	Kazuya	The University of Toky	Joint Efficiency of Ultrasonic Welding of CFRTP for Structural Appli	T.S. Composites for aut	Mo2.3.2	Session Mo2.3	Monday 25th	11.40 - 12.00
1213	Nahvi	Hassan	Isfahan University of T	PULL-IN INSTABILITY OF NANO-SWITCHES BASED ON HYBRID NON	T.S. Advances in Nanoc	Tu2.6.5	Session Tu2.6	Tuesday 26th	12.40 - 13.00
1215	CUTARD	Thierry	Mines Albi	Fibre reinforced refractory concrete as a tooling material for orga	G.S. Ceramic matrix: Pr	We1.14.3	Session We1.14	Wednesday 27th	9.10 - 9.30
1219	Dumont	Pierre	Grenoble INP	X-ray microtomography and DIC technique to analyse the hygro	T.S. Natural fibre and bi	Th1.1.3	Session Th1.1	Thursday 28th	9.10 - 9.30

1223	Katok	Kseniia	University of Brighton	Synthesis of Hydride Silicas and Silsesquioxanes as Effective Hg(II)	G.S. Hybrid composites	We1.10.2	Session We1.10	Wednesday 27th	8.50 - 9.10
1225	Hallstrom	Stefan	Royal Institute of tech	3D-textile reinforcement in composites - mechanics, modelling, pr	T.S. Mechanical behav	Tu2.13.1	Session Tu2.13	Tuesday 26th	11.20 - 11.40
1227	Tahir	Mohammad	Royal Institute of Tech	INTERLAMINAR STRENGTH AND 3D REINFORCEMENT OF CARBON	T.S. Mechanical behav	We1.7.2	Session We1.7	Wednesday 27th	8.50 - 9.10
1231	Rudeiros Ferna	Jose Luis	University of Strathcly	Characterisation of the mechanical performance of natural fibres	G.S. Bio-based composit	Th1.4.5	Session Th1.4	Thursday 28th	9.50 - 10.10
1237	Skordos	Alex	Cranfield University	Lightning strike performance of carbon nanotube loaded aerospac	T.S. CNT nanocomposit	Tu2.2.4	Session Tu2.2	Tuesday 26th	12.20 - 12.40
1242	Bonefeld	Dirk	Bond-Laminates GmbH	SprForm: A hybrid technique for serial production of 3d parts of c	T.S. Processing of therm	We2.4.3	Session We2.4	Wednesday 27th	12.00 - 12.20
1246	ADKEUNLE	KAYODE	MOUAU/ UNIVERSITY	Impact and Flexural Properties of Flax Fabrics and Lyocell Fiber Re	T.S. Bio-based /natural	Mo2.1.4	Session Mo2.1	Monday 25th	12.00 - 12.40
1249	Salah	KHALFALLAI	University	Abstract Title (write here) Effective stiffness approach of FRP rein	T.S. Composites in civil	Tu2.9.3	Session Tu2.9	Tuesday 26th	12.00 - 12.20
1252	Yokogawa	Hideto	Kyushu University	MODE II DELAMINATION FATIGUE CRACK GROWTH CHARACTERIS	T.S. Delamination and i	Mo3.2.5	Session Mo3.2	Monday 25th	16.10 - 16.30
1256	monchiet	vincent	University of Paris-Est	A polarization and FFT based numerical method for computing the	G.S. Multiscale modellir	Mo3.8.1	Session Mo3.8	Monday 25th	14.50 - 15.10
1257	Jenkins	Peter	University of Strathcly	The Effect of Thermal Conditioning and Mechanical Handling on S	G.S. Recycling	We4.10.2	Session We4.10	Wednesday 27th	17.10 - 17.30
1260	MATHIAS	Jean-Denis	IRSTEA	Mechanical behavior of sunflower stem for bio-composite applica	G.S. Bio-based composit	Th3.4.3	Session Th3.4	Thursday 28th	15.30 - 15.50
1265	SADASIVUNI	KISHOR KUN	UNIVERSITY OF SUB	Abstract Title (A Comparative Study of solvent vapour barrier prop	G.S. Nanocomposites: S	Th3.11.3	Session Th3.11	Thursday 28th	15.30 - 15.50
1266	Lomov	Stepan	K.U.Leuven	Compression behaviour of a fibre bundles and fabrics with grafted	T.S. Mechanics of nanos	Tu3.1.2	Session Tu3.1	Tuesday 26th	15.10 - 15.30
1268	Hallander	Per	Saab	Influence of the forming process on the shape distortion of a com	T.S. 3D fiber preforming	Tu3.9.4	Session Tu3.9	Tuesday 26th	15.50 - 16.10
1273	Doostejtema	Ali	tehranraymand oil an	Effect of Matrix Type on Fracture and Corrosion Mechanism of GR	T.S. Environmental effe	Tu4.4.2	Session Tu4.4	Tuesday 26th	17.10 - 17.30
1275	Volponi	Ruggero	CIRA Italian Aerospac	A comparative study on damping properties of Carbon Fiber Comp	G.S. Nanocomposites: N	We4.9.1	Session We4.9	Wednesday 27th	16.50 - 17.10
1276	Zaldivar	Rafael	The Aerospace Corpor	MECHANICAL AND CHEMICAL EFFECTS OF ATMOSPHERIC PLASMA	T.S. Joining of composit	We2.11.5	Session We2.11	Wednesday 27th	12.40 - 13.00
1284	Michaud	Véronique	EPFL	UV-curable epoxy primer for adhesion between metallic oxides an	T.S. Interfaces and Inter	We3.13.2	Session We3.13	Wednesday 27th	15.10 - 15.30
1291	Ramamoorthy	Sunil Kumar	Högskolan I Borås	Can the outdoor properties of natural fiber reinforced bio-based c	T.S. Natural fibre and bi	Th3.1.2	Session Th3.1	Thursday 28th	15.10 - 15.30
1292	BOURBIGOT	Serge	ENSCL	INTUMESCENCE AS METHOD FOR PROVIDING FIRE RESISTANCE TC	T.S. Daniela Tabuani - F	Tu2.3.3	Session Tu2.3	Tuesday 26th	12.00 - 12.20
1300	JOANNES	Sébastien	Mines ParisTech	Continuous fibre reinforced thermoplastic joining, a laser-welded	T.S. Joining of composit	We3.11.1	Session We3.11	Wednesday 27th	14.50 - 15.10
1302	Teixeira	Rita	Imperial College Lond	Translaminar Fracture Toughness of CFRP: From the toughness of	T.S. Fracture and Dama	Th1.2.2	Session Th1.2	Thursday 28th	8.50 - 9.10
1303	Luyckx	Geert	Ghent University	Temperature insensitive cure cycle monitoring of cross-ply compo	G.S. NDE technologies	Mo4.4.3	Session Mo4.4	Monday 25th	17.30 - 17.50
1308	LIU	Yong	Nanjing University of	Mechanical Properties and Characterization of a Novel Coupled 2	G.S. Ceramic matrix: Pr	We1.14.4	Session We1.14	Wednesday 27th	9.30 - 9.50
1313	Serna Moreno	María del C	University of Castilla-L	Stress and strain states of a chopped glass-reinforced composite u	T.S. Multiaxial fatigue	We2.5.5	Session We2.5	Wednesday 27th	12.40 - 13.00
1316	Panciroli	Riccardo	Università di Bologna	Effect of the boundary conditions on the hydroelastic impacts of c	O.N.R. session	Mo2.5.5	Session Mo2.5	Monday 25th	12.40 - 13.00
1318	Brown	Eric	Los Alamos National L	Shock Compression and Strain Rate Effect in Composites and Poly	T.S. Shock compression	Tu3.12.1	Session Tu3.12	Tuesday 26th	14.50 - 15.10
1325	Uesu	Yoshiaki	Waseda University	New ferroelectric phases induced by magnetic orderings in hexag	T.S. Multiferroic-magne	Tu4.6.1	Session Tu4.6	Tuesday 26th	16.50 - 17.10
1332	Doquesne	Sophie	Ecole Nationale Supér	Flame Retardancy of Bio-Based Thermoplastic Composites and Na	T.S. Daniela Tabuani - F	Tu3.3.1	Session Tu3.3	Tuesday 26th	14.50 - 15.10
1339	Callens	Michaël	K.U.Leuven	Tensile behaviour of ductile steel fiber/epoxy composites	T.S. Fracture and Dama	Th1.2.3	Session Th1.2	Thursday 28th	9.10 - 9.30
1342	Byun	Joon-Hyung	Korea Institute of Mat	Polydopamine Embedded Reduced Graphene Oxide Paper	T.S. Graphene-based Pc	Th2.5.4	Session Th2.5	Thursday 28th	12.20 - 12.40
1343	Ersoy	Nuri	Bogaziçi University	Micromechanical Progressive Damage Model for Predicting Resin	T.S. Fracture and Dama	Th1.2.4	Session Th1.2	Thursday 28th	9.30 - 9.50
1347	Jakobsen	Johnny	Aalborg University	Thermal Performance of a Composite Mould Tool with two Integr	T.S. Innovative Manufa	We3.4.5	Session We3.4	Wednesday 27th	16.10 - 16.30
1351	Hwang	Hui Yun	Andong National Univ	Adhesion Characteristics of Piezoelectric Polymer Fibers for Multi	G.S. Fibers and matrice	Tu1.14.2	Session Tu1.14	Tuesday 26th	8.50 - 9.10
1353	Czeller	Anna	Budapest University o	Effect of healing agent-loaded microcapsules on the mechanical p	Complex materials for s	Th1.3.1	Session Th1.3	Thursday 28th	8.30 - 8.50
1358	PLACET	Vincent	FEMTO-ST	Modeling the influence of environmental relative humidity on the	T.S. Natural fibre and bi	Th1.1.4	Session Th1.1	Thursday 28th	9.30 - 9.50
1363	Chakrabarti	Anupam	Indian Institute of Tec	CO FE model for the analysis of laminated soft core sandwich plate	G.S. Sandwich technolo	Th3.10.2	Session Th3.10	Thursday 28th	15.10 - 15.30
1365	Cinar	Kenan	Bogaziçi University	3D PROCESS MODELLING FOR DISTORTIONS IN MANUFACTURING	T.S. Manufacturing defe	We2.9.4	Session We2.9	Wednesday 27th	12.20 - 12.40
1366	Riccio	Aniello	Second University of n	Progressive Damage Approach for Composite Structures under I	T.S. Fatigue of composit	Tu3.7.2	Session Tu3.7	Tuesday 26th	15.10 - 15.30
1369	LUBINEAU	GILLES	COHMAS/KAUST	Modeling challenges in cyclic hydrothermal aging of aircraft lightn	G.S. Hygrothermal dura	Th1.14.3	Session Th1.14	Thursday 28th	9.10 - 9.30
1371	Sirtautas	Justas	University of Stuttgart	Meso-modelling of biaxial non-crimp fabric for coupled drape and	T.S. 3D fiber preforming	Tu4.9.2	Session Tu4.9	Tuesday 26th	17.10 - 17.30
1372	Chiang	Fu-pen	Stony Brook Universi	MECHANICAL PROPERTIES OF AUXETIC PVC FOAM UNDER CYCLIC	O.N.R. session	Mo3.5.1	Session Mo3.5	Monday 25th	14.50 - 15.10
1380	Marinucci	Gerson	Nuclear Research Inst	Determination of isochronous curves of carbon/epoxy composites	G.S. Testing and charac	Th2.10.3	Session Th2.10	Thursday 28th	12.00 - 12.20
1392	Speck	Thomas	University of Freiburg	Plants as concept generators for biomimetic self-healing materials	Complex materials for s	We1.3.4	Session We1.3	Wednesday 27th	9.30 - 9.50
1395	Minak	Giangiacom	Alma Mater Studiour	Mechanical and impact characterisation of hybrid composite lamir	T.S. Composites under c	Mo4.13.2	Session Mo4.13	Monday 25th	17.10 - 17.30
1396	Arao	Yoshihiko	Doshisha University	Hybrid effects on mechanical properties of injection molded nano	G.S. Hybrid composites	We3.10.2	Session We3.10	Wednesday 27th	15.10 - 15.30
1399	Lopresto	Valentina	University of Naples F	A global-local approach to describe the damage propagation in co	T.S. Composites under c	Mo4.13.3	Session Mo4.13	Monday 25th	17.30 - 17.50
1400	Starkova	Olesja	Institute of Polymer M	Creep behaviour of epoxy/MWCNT composites	T.S. CNT nanocomposit	Tu3.2.1	Session Tu3.2	Tuesday 26th	14.50 - 15.10
1401	Shchukin	Dmitry	MPI of Colloids and In	Nanocontainer-Based Feedback Active Coatings for Metal Protecti	Complex materials for s	We1.3.5	Session We1.3	Wednesday 27th	9.50 - 10.10
1410	Morelle	Xavier	Université Catholique	The elasto-viscoplasticity and fracture behavior of the RTM6 struc	T.S. Micromechanics an	Mo2.9.2	Session Mo2.9	Monday 25th	11.40 - 12.00
1420	RAMIREZ	FERNANDO	UNIVERSIDAD DE LOS	BAMBOO-GUADUA FIBERS FOR COMPOSITES	G.S. Fiber performances	Tu2.14.3	Session Tu2.14	Tuesday 26th	12.00 - 12.20
1423	Fakirov	Stoyko	The University of Auckl	From Polymer Blends to Nanofibrillar Polymer-Polymer and Single	G.S. Nanocomposites: S	Th2.11.2	Session Th2.11	Thursday 28th	11.40 - 12.00
1427	GAO	Xiguang	Nanjing University of	Node Interpolation Cell Method for multiscale mechanics analysi	T.S. Multiscale analysis	We1.1.2	Session We1.1	Wednesday 27th	8.50 - 9.10
1429	Haller	Peer	Technische Universität	Numerical and Experimental Investigation on Wooden Profiles wit	G.S. Sustainable Compo	Th2.8.5	Session Th2.8	Thursday 28th	12.40 - 13.00
1432	Büter	Andreas	Fraunhofer LBF	Multiaxial Fatigue behaviour of a Short-Fibre Reinforced Polyamid	T.S. Short fiber composit	Mo4.11.1	Session Mo4.11	Monday 25th	16.50 - 17.10
1434	Czel	Gergely	Advanced Composite	Development and characterisation of pseudo-ductile hybrid carbo	T.S. Fracture and Dama	Th1.2.5	Session Th1.2	Thursday 28th	9.50 - 10.10
1439	Mannov	Evgenij	TUHH	INFLUENCE OF MOISTURE AND PROCESS QUALITY ON ELECTRICAL G.S.	T.S. Structural Health M	Tu3.14.3	Session Tu3.14	Tuesday 26th	15.30 - 15.50
1440	Atas	Akin	The University of Sher	Strength prediction of bolted joints in cross-ply laminates based o	T.S. Joints in composite	Mo2.7.3	Session Mo2.7	Monday 25th	12.00 - 12.20
1441	Bougherara	Habiba	Ryerson University	Using Infrared Thermography for Assessing the Fatigue Behaviour	T.S. Fatigue of composit	Tu3.7.3	Session Tu3.7	Tuesday 26th	15.30 - 15.50
1443	Makradi	Ahmed	CRP Henri Tudor	Study of microstructure effect on the mechanical properties of he	T.S. Probabilistic appro	Th1.6.5	Session Th1.6	Thursday 28th	9.50 - 10.10
1445	Gorbatikh	Larissa	Katholieke Universitei	On localization of carbon nanotubes in woven glass fiber/epoxy cc	T.S. CNT nanocomposit	Tu3.2.2	Session Tu3.2	Tuesday 26th	15.10 - 15.30
1446	LUTZ	Vincent	INSA LYON / CNRS	Carbon multi-nanotubes fiber for RTM-processed composites	G.S. Fiber performances	Tu2.14.2	Session Tu2.14	Tuesday 26th	11.40 - 12.00
1447	Kosmann	Nils	TUHH	Influence of voids on the fatigue behaviour of composites	G.S. Polymer matrix cor	Tu4.12.3	Session Tu4.12	Tuesday 26th	17.30 - 17.50
1449	Kalwak	Gordon	Rolls-Royce plc	EXPERIMENTAL ASSESSMENT AND DESIGN OF THROUGH THICKNE	T.S. Delamination and i	Mo4.2.1	Session Mo4.2	Monday 25th	16.50 - 17.10
1453	Liebig	Wilfried	Technische Universität	Investigation of the structural behaviour of FRP in presence of voi	T.S. Manufacturing defe	We1.9.3	Session We1.9	Wednesday 27th	9.10 - 9.30
1455	Sob	Mojmir	Masaryk University	Mechanical and magnetic properties of Mn-Pt compounds and noi	G.S. Mechanical and ph	Mo4.10.3	Session Mo4.10	Monday 25th	17.30 - 17.50
1467	Wang	Wenxue	Kyushu University	Abstract Title (New unidirectional arrayed chopped strands comp	T.S. Composites for aut	Mo4.3.2	Session Mo4.3	Monday 25th	17.10 - 17.30
1470	Gurka	Martin	Institut für Verbundw	Switchable Fiber Reinforced Structures - from Smart Materials to	G.S. Multifunctional cor	Th3.6.4	Session Th3.6	Thursday 28th	15.50 - 16.10
1473	Johnson	W. Steven	Georgia Tech	Optimization of Joints in Light Weight Composite Structures	T.S. Joining of composit	We1.11.1	Session We1.11	Wednesday 27th	8.30 - 8.50
1474	Hamilton	Andrew	Aalborg University	MECHANICAL CHARACTERIZATION OF POLYMER AND NANOCOMF	G.S. Experimental Tech	We3.8.2	Session We3.8	Wednesday 27th	15.10 - 15.30
1475	Shojaei	Akbar	Sharif University of Te	Correlation between Stress-Softening Behavior and Mechanical Pe	G.S. Nanocomposites: N	We3.9.2	Session We3.9	Wednesday 27th	15.10 - 15.30
1476	Hochard	Christian	LMA Marseille	fatigue of laminated composite structures	T.S. Fatigue of composit	Tu3.7.4	Session Tu3.7	Tuesday 26th	15.50 - 16.10
1478	Boisse	Philippe	INSA Lyon	Simulation of the mechanical behaviour of thick interlock composit	T.S. Mechanical behav	Tu3.13.1	Session Tu3.13	Tuesday 26th	14.50 - 15.10
1480	LAMON	Jacques	CNRS	INVESTIGATION OF SUBCRITICAL CRACK GROWTH IN GLASS FIBER	G.S. Estimation of dura	Th2.14.2	Session Th2.14	Thursday 28th	11.40 - 12.00
1481	Tola	Maria del C	Nanocyl S.A	Fracture toughness of Carbon Fiber Composites based on epoxy/t	T.S. CNT nanocomposit	Tu3.2.3	Session Tu3.2	Tuesday 26th	15.30 - 15.50
1482	Chronopoulou	Laura	University of Rome La	Enzyme immobilization on polymeric nanoparticles as a tool to im	G.S. Nanocomposites: S	Th2.11.3	Session Th2.11	Thursday 28th	12.00 - 12.20
1483	Knoll	Julia B.	Technische Universität	On the flexural failure modes occurring in bending tests of CFRP	G.S. Damage and fractu	Tu1.10.2	Session Tu1.10	Tuesday 26th	8.50 - 9.10
1486	Dulieu-Barton	Janice	University of Southam	MEASURING VISCO-ELASTIC BEHAVIOUR OF COMPOSITES AT HIGH	G.S. Experimental Tech	We1.8.1	Session We1.8	Wednesday 27th	8.30 - 8.50
1488	Kawai	Masamichi	University of Tsukuba	Off-axis notched fatigue behavior of fiber metal laminate GLARE-3	T.S. Fatigue of composit	Tu3.7.5	Session Tu3.7	Tuesday 26th	16.10 - 16.30
1492	Viets	Christian	Technische Universität	Electrical Resistance based Structural Health Monitoring with Nan	G.S. Health monitoring	We4.14.1	Session We4.14	Wednesday 27th	16.50 - 17.10
1497	Feissel	Pierre	UTC	Identification of elastic properties from full-field measurements -	G.S. Experimental Tech	We4.8.3	Session We4.8	Wednesday 27th	17.30 - 17.50
1498	Mai	Fang	Queen Mary, Universi	SELF-REINFORCED POLYLACTIC ACID (PLA) BIOCOMPOSITES WITH	T.S. Bio-based /natural	Mo2.1.5	Session Mo2.1	Monday 25th	12.40 - 13.00
1500	Chaeichian	Sina	Concordia University	Synthesis of thermoplastic/thermoset hybrid systems for the prep	G.S. Nanocomposites: S	Th3.11.5	Session Th3.11	Thursday 28th	16.10 - 16.30
1508	Schuck	Marcus	Jacob Plastics GmbH	NEW PROCESSES FOR MASS PRODUCTION OF THERMOPLASTIC CCT	T.S. Innovative Manufa	We3.4.6	Session We3.4	Wednesday 27th	16.30 - 16.50
1509	Meneghetti	Giovanni	University of Padova	The influence of reinforcement on fatigue behaviour of a polypro	T.S. Short fiber composit	Mo3.11.4	Session Mo3.11	Monday 25th	15.50 - 16.10
1510	Mösenbacher	Andreas	Chair of Mechanical E	Investigation of Concepts Describing the Influence of Stress Conce	T.S. Short fiber composit	Mo4.11.4	Session Mo4.11	Monday 25th	17.50 - 18.10
1516	Shojaei	Akbar	Sharif University of Te	Experimental Study and Theoretical Analysis on the Mechanical PR	T.S. Structure-property	We4.5.1	Session We4.5	Wednesday 27th	16.50 - 17.10
1518	Thomsen	Ole Thybo	Aalborg University	Assessment of Interlaminar/Interfiber Failure of UD GRFP for Win	T.S. Fracture and Dama	Th2.2.1	Session Th2.2	Thursday 28th	11.20 - 11.40
1519	Foreman	Joel	University of Sheffield	Predicting the Material Properties of a Polyurethane Matrix (A Co	G.S. Multiscale modellir	Mo3.8.3	Session Mo3.8	Monday 25th	15.30 - 15.50
1521	Mahdi	Stephane	Airbus Operations SAS	Advances in Industrial Applications of Damage and Failure Approa	T.S. Structural Performa	We1.5.3	Session We1.5	Wednesday 27th	9.10 - 9.30
1523	Russo	Pietro	High Tech District on	Thermoplastic PolyUrethane fibers filled with multi-walled carbon	T.S. Composites for aut	Mo4.3.5	Session Mo4.3	Monday 25th	18.10 - 18.30
1524	Pavia	Fabio	Brown University	Optimizing Strength and Toughness of Nanofiber-reinforced CMC	G.S. Ceramic matrix: Pr	We1.14.2	Session We1.14	Wednesday 27th	8.50 - 9.10

1526	Olofsson	Kurt	Swerea SICOMP	New TailCast Manufacturing Process	G.S. Low cost technolog	We4.11.2	Session We4.11	Wednesday 27th	17.10 - 17.30
1528	KLAPISZEWSKI	LUKASZ	POZNAN UNIVERSITY	Modern composite materials based on silica and Kraft lignin	T.S. Biocomposites: syn	We2.2.5	Session We2.2	Wednesday 27th	12.40 - 13.00
1530	Sorrentino	Luigi	National Research Cou	Monomatrix thermoplastic sandwich structures through in-situ fo	T.S. Processing and Fab	Tu4.11.2	Session Tu4.11	Tuesday 26th	17.10 - 17.30
1531	Kiefer	Konstanze	Imperial College Lond	SIMULATION OF HIGH-CYCLE FATIGUE-DRIVEN DELAMINATION IN	T.S. Delamination and ir	Mo4.2.2	Session Mo4.2	Monday 25th	17.10 - 17.30
1533	Valenza	Antonino	University of Palermo	Mechanical behaviour of SPR/co-cured composite to aluminium jo	T.S. Joining of composit	We3.11.2	Session We3.11	Wednesday 27th	15.10 - 15.30
1534	Aurilia	Marco	CYTEC ENGINEERED MA	MWCNTs FOR TUNING VISCOELASTIC AND INELASTIC PROPERTIES	T.S. CNT nanocomposit	Tu3.2.4	Session Tu3.2	Tuesday 26th	15.50 - 16.10
1535	gao	shangjin	Leibniz-Institut für Pol	Nanostructured Fibre Surfaces and Composite Interphases	G.S. Interfaces and inte	Tu4.10.1	Session Tu4.10	Tuesday 26th	16.50 - 17.10
1537	Pham	Chi Vinh	Hanoi University of Sc	Explicit secular equations and formulas for the velocity of Rayleig	G.S. NDE technologies	Mo4.4.4	Session Mo4.4	Monday 25th	17.50 - 18.10
1540	Schuetz	Martin	Technische Universit	Compressive failure of CFRP due to stress intensification factors	G.S. Damage and fractu	Tu1.10.3	Session Tu1.10	Tuesday 26th	9.10 - 9.30
1541	Guemes	Alfredo	Univ Politecnica Madr	Structural testing and simulation of composite isogrid structures fr	T.S. Structural Health M	Tu3.14.4	Session Tu3.14	Tuesday 26th	15.50 - 16.10
1542	Pironi	Alessandro	Universit di Parma	Modelling delamination of Ti-CFRP interfaces	G.S. Hybrid composites	We1.10.3	Session We1.10	Wednesday 27th	9.10 - 9.30
1548	Gramegna	Nicola	EnginSoft SpA	Modeling percolation in Carbon Nanotubes reinforced composites	T.S. Computer aided de	Tu1.1.3	Session Tu1.1	Tuesday 26th	9.10 - 9.30
1550	Lopana	Marco Luigi	University of Southam	Identification of constitutive properties of composite materials un	G.S. Experimental Tech	We1.8.2	Session We1.8	Wednesday 27th	8.50 - 9.10
1551	Clappa	Alessandra	Delta Tech	Semi impregnated micro-sandwich structures	T.S. Composites for aut	Mo4.3.3	Session Mo4.3	Monday 25th	17.30 - 17.50
1557	Schweizer	Nicole	Fraunhofer Institute f	Development of a Composite Wheel with integrated Hub Motor	T.S. Composites for aut	Tu2.8.4	Session Tu2.8	Tuesday 26th	12.20 - 12.40
1559	Battams	Gary	University of Southam	Methodology Development for High Strain Rate Damage in Lamin	T.S. Shock compression	Tu3.12.3	Session Tu3.12	Tuesday 26th	15.30 - 15.50
1561	Winkler	Anja	Technische Universit	Integration and evaluation of mechanical and electrical joints in fu	G.S. Multifunctional cor	Th4.6.3	Session Th4.6	Thursday 28th	17.30 - 17.50
1562	Jozsef Gabor	Kovacs	Budapest University o	Development of thermal conductive hybrid composites	G.S. Hybrid composites	We3.10.5	Session We3.10	Wednesday 27th	16.10 - 16.30
1564	Ó Bradaigh	Conchur	National University o	Manufacturing of Large Integrated Thermoplastic Composite Struc	T.S. Processing of therm	We1.4.2	Session We1.4	Wednesday 27th	8.50 - 9.10
1572	Bangalore Sridi	Sugun	CSIR - National Aeron	3D weaving possibilities on an 8 shaft loom	T.S. 3D fiber preforming	Tu3.9.1	Session Tu3.9	Tuesday 26th	14.50 - 15.10
1576	Pantelelis	Nikos	NTUA	Industrial cure monitoring and control of a RTM production of a CI	T.S. Liquid composite m	Tu1.11.4	Session Tu1.11	Tuesday 26th	9.30 - 9.50
1578	Laustsen	Steffen	Aalborg University	Analysis of grid-scored sandwich structures of different curvature	T.S. Composites for win	Mo4.5.2	Session Mo4.5	Monday 25th	17.10 - 17.30
1579	Boehler	Patrick	University of Stuttgar	INNOVATIVE JOINING OF AIRCRAFT PROFILES WITH BRAIDED HOL	T.S. Joints in composite	Mo4.7.3	Session Mo4.7	Monday 25th	17.30 - 17.50
1583	Correa Montot	Elena	University of Seville	NUMERICAL AND EXPERIMENTAL ANALYSIS OF THE INFLUENCE OF T.S.	G.S. Micromechanics an	Mo2.9.3	Session Mo2.9	Monday 25th	12.00 - 12.20
1586	Aubry	Julien	ICA	Polymeric foams modelling based on microscopic cell geometry fo	G.S. Multiscale modellir	Mo2.8.1	Session Mo2.8	Monday 25th	11.20 - 11.40
1587	Eman	Jesper	Swerea SICOMP AB	Residual stresses of cross-ply laminates and their effect on ply str	G.S. Mechanical and ph	Th2.7.4	Session Th2.7	Thursday 28th	12.20 - 12.40
1590	Mannberg	Peter	Swerea SICOMP	Experimental investigation of thermal conductivity of composites	G.S. Mechanical and ph	Th2.7.5	Session Th2.7	Thursday 28th	12.40 - 13.00
1591	Popov	Vladimir	National University o	Metal Matrix Composites with Nanodiamond Reinforcements	T.S. Advances in Nanoco	Tu1.6.5	Session Tu1.6	Tuesday 26th	9.50 - 10.10
1596	Downes	Kerrie Ann	University of Strathcl	The absorption of automotive coolant fluids in, glass fibre reinforc	T.S. Effect of aggressive	Tu3.4.4	Session Tu3.4	Tuesday 26th	15.50 - 16.10
1598	Moroni	Fabrizio	University of Parma	Simulation of 3D fatigue debonding/delamination in composites u	T.S. Joining of composit	We1.11.2	Session We1.11	Wednesday 27th	8.50 - 9.10
1600	Solazzi	Luigi	Universit di Brescia	Feasibility study of a lifting work platform with arms made by com	G.S. Applications 2- Con	Th3.8.4	Session Th3.8	Thursday 28th	15.50 - 16.10
1601	Butler	Richard	University of Bath	THE EFFECT OF TOW GAPS ON COMPRESSION AFTER IMPACT STRIT	T.S. Delamination and ir	Mo4.2.3	Session Mo4.2	Monday 25th	17.30 - 17.50
1602	Zhang	Xiaohua	Suzhou Institute of Na	Mechanical Properties of Carbon Nanotube Fibers	T.S. New Nanoscale anc	Mo2.12.3	Session Mo2.12	Monday 25th	12.00 - 12.20
1603	Barroso	Alberto	University of Seville	Biaxial testing of composites in uniaxial machines: manufacturing	T.S. Micromechanics an	Mo2.9.4	Session Mo2.9	Monday 25th	12.20 - 12.40
1604	Parkes	Philip	University of Bath	GROWTH OF DAMAGE IN ADDITIVELY MANUFACTURED METAL-CCT	T.S. Additive Manufactu	Mo4.12.3	Session Mo4.12	Monday 25th	17.30 - 17.50
1605	Favela-Gallego	Carlos Adria	The University of Shef	Damage evolution under bending fatigue in cross-ply composite la	G.S. Damage and fractu	Th2.13.1	Session Th2.13	Thursday 28th	11.20 - 11.40
1607	Tbi	Tams	Budapest University o	Development of heat resistant biodegradable polymer made from	G.S. Bio-based composit	Th1.4.4	Session Th1.4	Thursday 28th	9.30 - 9.50
1611	Lopresto	Valentina	University of Naples F	Penetration and indentation on basalt fibre reinforced plastic lami	T.S. Composites under c	Mo4.13.4	Session Mo4.13	Monday 25th	17.50 - 18.10
1613	Toso-Pentect	Nathalie	German Aerospace Ce	Experimental study of damage tolerance in pre-stressed composit	T.S. Delamination and ir	Mo4.2.4	Session Mo4.2	Monday 25th	17.50 - 18.10
1616	Zteng	Shinn-Shyot	Tatung University	Preparation and mechanical behavior of phenolic resin based carb	G.S. Nanocomposites: N	We4.9.3	Session We4.9	Wednesday 27th	17.30 - 17.50
1619	Dieringa	Hajo	Helmholtz-Zentrum G	Ultrasonic stirring as production process for nanoparticle reinforc	T.S. Metal matrix comp	Th1.12.1	Session Th1.12	Thursday 28th	8.30 - 8.50
1622	Decker	Julia	Fraunhofer LBF	Investigations on the applicability of the highly stressed material v	T.S. Short fiber composit	Mo4.11.3	Session Mo4.11	Monday 25th	17.30 - 17.50
1623	Ivancecic	Darko	University of Zagreb, I	Multiscale Damage Analysis of Laminated Composite Structures U	T.S. Multiscale analysis	We3.1.4	Session We3.1	Wednesday 27th	15.50 - 16.10
1626	AKBULLUT	HATEM	SAKARYA UNIVERSITY	Electrochemical Energy Storage Behavior of Sn/SnO2 and Sn/SnO2	T.S. Composite materia	We4.12.2	Session We4.12	Wednesday 27th	17.10 - 17.30
1633	Grundberg	Staffan	Umea University	Dynamics of axially loaded and partially interacting composite bea	G.S. Mechanical and ph	Th3.7.2	Session Th3.7	Thursday 28th	15.10 - 15.30
1638	Grzesiak	Dariusz	West Pomeranian Uni	MECHANICAL PROPERTIES OF NC-TiB2 /STEEL AND NC-TiC/STEEL	G.S. Nanocomposites: N	We4.9.2	Session We4.9	Wednesday 27th	17.10 - 17.30
1644	Hassan	Osama	Umea University	Dynamics of partially interacting composite beams	G.S. Mechanical and ph	Th3.7.3	Session Th3.7	Thursday 28th	15.30 - 15.50
1647	Chandrasekara	Swetha	Technische Universit	Fracture toughness and thermo-mechanical properties of few laye	T.S. Graphene-based Pc	Th1.5.3	Session Th1.5	Thursday 28th	9.10 - 9.30
1650	Feng	Dianshi	University of Cagliari	Simulation of impact damage in laminated composites by progress	T.S. Composites under c	Tu1.5.1	Session Tu1.5	Tuesday 26th	8.30 - 8.50
1656	Torres Marque	Antnio	FEUP	Design and Manufacture of a Composite Bus	G.S. Processing and ma	Tu1.8.1	Session Tu1.8	Tuesday 26th	8.30 - 8.50
1657	Macanas	Jorge	Universitat Politcnic	Use of chicken feathers waste for the fabrication of composite ma	T.S. Composites from R	Tu1.13.3	Session Tu1.13	Tuesday 26th	9.10 - 9.30
1658	Feissel	Pierre	UTC	Strain reconstruction from DIC through diffuse approximation -- A	G.S. Experimental Tech	We1.8.3	Session We1.8	Wednesday 27th	9.10 - 9.30
1659	Tavara	Luis	Universidad de Sevilla	Study of transverse and delamination cracks in [0/90] symmetric I	T.S. Micromechanics an	Mo2.9.5	Session Mo2.9	Monday 25th	12.40 - 13.00
1660	Teuscher	Rmy	EPFL	CARBON FIBRE RECYCLING: AN ASSESSMENT OF BENEFITS VERSUS G.S.	G.S. Recycling	We4.10.3	Session We4.10	Wednesday 27th	17.30 - 17.50
1663	Kjell	Maria	KTH Royal Institute of	PAN-based carbon fibers for structural lithium-ion batteries	T.S. Composite materia	We2.12.2	Session We2.12	Wednesday 27th	11.40 - 12.00
1665	Iannace	Salvatore	National Research Cou	Multifunctional lightweight bio-nanocomposite structures	G.S. Bio-based composit	Th3.4.5	Session Th3.4	Thursday 28th	16.10 - 16.30
1669	KARA	EMRE	Hittit University	Low Velocity Impact Response of Glass Fiber Reinforced Aluminium	T.S. Composites under c	Tu1.5.2	Session Tu1.5	Tuesday 26th	8.50 - 9.10
1671	Manfredi	Diego	IIT	Realization and characterization of AlSiMg/SiC composites by Dire	T.S. Additive Manufactu	Mo4.12.4	Session Mo4.12	Monday 25th	17.50 - 18.10
1672	Robinson	Paul	Imperial College Lond	Design and evaluation of a high rate Mode I translaminar fracture	G.S. Damage and fractu	Mo2.6.1	Session Mo2.6	Monday 25th	11.20 - 11.40
1676	Mecklenburg	Matthias	Hamburg University o	Electrical and mechanical properties of ultra-high weight fraction	T.S. CNT nanocomposit	Tu2.2.5	Session Tu2.2	Tuesday 26th	12.40 - 13.00
1681	Canturri	Carla	Imperial College	Delamination Growth Directionality and the Subsequent Migrator	T.S. Delamination and ir	Mo4.2.5	Session Mo4.2	Monday 25th	18.10 - 18.30
1682	De Nicola	Antonio	Unisa	Atomistic Simulations of Interfaces in Polymer Composites based	T.S. Computer aided de	Tu1.1.4	Session Tu1.1	Tuesday 26th	9.30 - 9.50
1684	Makowska	Katarzyna	Motor Transport Instit	An influence of SiC content at Al (AlMg) matrix composites on cre	T.S. Metal matrix comp	Th1.12.2	Session Th1.12	Thursday 28th	8.50 - 9.10
1686	Colom	Xavier	Universitat Politcnic	COMPOSITES FROM KERATIN BIOFIBERS. STUDY OF COMPATIBILIT	T.S. Composites from R	Tu1.13.4	Session Tu1.13	Tuesday 26th	9.30 - 9.50
1687	Fayazbakhsh	Kazem	McGill University	The effect of gaps and overlaps on the in-plane stiffness and buck	T.S. Manufacturing defe	We2.9.3	Session We2.9	Wednesday 27th	12.00 - 12.20
1688	Viktorova	Irina	Clemson University	Optimization Problems in Nonlinear modeling for viscoelastic com	G.S. Multiscale modellir	Mo3.8.5	Session Mo3.8	Monday 25th	16.10 - 16.30
1689	Richtard	Wool	University of Delaware	BIOBASED POLYMERS AND COMPOSITES	T.S. Bio-based composit	Th2.4.2	Session Th2.4	Thursday 28th	11.40 - 12.00
1692	Tabashi	Sara	Islamic Azad Univ. Sci	Viscoelastic Properties of Biodegradable Cellulose Diacetate Nano	G.S. Bio-based composit	Th2.4.1	Session Th2.4	Thursday 28th	11.20 - 11.40
1699	Yousefi	Nariman	The Hong Kong Univ	Processing and Properties of Self-aligned Graphene/Epoxy Nanoco	T.S. Graphene-based Pc	Th1.5.4	Session Th1.5	Thursday 28th	9.30 - 9.50
1702	Kim	Yeong	Korea Aerospace Univ	Thermo-mechanical Behavior Changes of Plastic under Environme	T.S. Composites for aut	Mo4.3.4	Session Mo4.3	Monday 25th	17.50 - 18.10
1709	Bulota	Mindaugas	Aalto University, Scho	Acetylated TEMPO oxidized cellulose as reinforcing agent of poly	T.S. Bio-based/natural	Mo2.1.1	Session Mo2.1	Monday 25th	11.20 - 11.40
1713	Yokota	Hiroko	Chiba University	Designed multiferroics: BaTiO3/BaFeO3 super-lattice films	T.S. Multiferroic-magne	Tu4.6.2	Session Tu4.6	Tuesday 26th	17.10 - 17.30
1714	Montagnier	olivier	CREA (Centre de Rech	Effect of damage on the torsional buckling of carbon/epoxy drive	T.S. Composite materia	Tu3.5.1	Session Tu3.5	Tuesday 26th	14.50 - 15.10
1719	Greenhalgh	Emile	Imperial College Lond	Structural Power Composites for Hybrid Vehicles (STORAGE)	T.S. Composite materia	We3.12.1	Session We3.12	Wednesday 27th	14.50 - 15.10
1722	Soutrenon	Mathieu	Ecole Polytechnique F	Shock absorption using encapsulated Shear Thickening Fluids	T.S. Shock compression	Tu2.12.5	Session Tu2.12	Tuesday 26th	12.40 - 13.00
1723	Tavangari	Abdoulnabi	Hormozgan University	Analysis of elastic fields in an isotropic medium containing a penn	G.S. Damage and fractu	Tu2.10.6	Session Tu2.10	Tuesday 26th	13.00-13.20
1729	Raimondo	Lucio	Imperial College Lond	STRATEGIES FOR LOW, HIGH AND HYPER VELOCITY IMPACT DAMA	T.S. Composite Impact I	Tu1.4.1	Session Tu1.4	Tuesday 26th	8.30 - 8.50
1731	Rahaman	Ariful	KAUST	Influence of Carbon Nanotubes on the Curing and Damage Behavi	G.S. Nanocomposites: P	Mo4.6.5	Session Mo4.6	Monday 25th	18.10 - 18.30
1734	Del Rosso	Stefano	Imperial College Lond	Investigation of novel hybrid braids for impact resistance	T.S. Composite Impact I	Tu1.4.2	Session Tu1.4	Tuesday 26th	8.50 - 9.10
1739	Stein	Jasmin	The University of Man	The Influence of PES and Triblock Copolymer on the Processing an	G.S. Damage and fractu	Mo3.6.4	Session Mo3.6	Monday 25th	15.50 - 16.10
1743	Stasiuk	Galyna	Karlsruhe Institute of	Calculation of the Effective Elastic Properties of the C/C Composi	T.S. Multiscale analysis	We1.1.5	Session We1.1	Wednesday 27th	9.50 - 10.10
1744	Grozdanov	Anita	Faculty of Technology	Surface treatment effects of the cotton textile pre-forms on the p	G.S. Bio-based composit	Mo3.14.5	Session Mo3.14	Monday 25th	16.10 - 16.30
1746	Sinchuk	Yuriy	Karlsruhe Institute of	INELASTIC DESIGN OF METAL-CERAMIC COMPOSITES	T.S. Micromechanics an	Mo3.9.1	Session Mo3.9	Monday 25th	14.50 - 15.10
1751	WYSOKOWSKI	MARCIN	POZNAN UNIVERSITY	Synthesis and characterisation of novel chitin/ZrO2 composites	T.S. Biocomposites: syn	We3.2.1	Session We3.2	Wednesday 27th	14.50 - 15.10
1752	Thomsen	Ole Thybo	Aalborg University	Fatigue Failure of Sandwich Beams with Wrinkle Defects Used for	T.S. Composites for win	Mo4.5.3	Session Mo4.5	Monday 25th	17.30 - 17.50
1754	Balasubramani	Kaveendran	Harbin Institute of Tec	Fabrication process of 3D network structured in situ (Al3Zr+pAl2C	G.S. Experimental Tech	We4.8.4	Session We4.8	Wednesday 27th	17.50 - 18.10
1755	PANOPOULOU	AIKATERINI	University of Patras	INTELLIGENT HEALTH MONITORING AND DAMAGE IDENTIFICATIO	G.S. Health monitoring	We3.14.4	Session We3.14	Wednesday 27th	15.50 - 16.10
1759	Merah	Necar	King Fahd University c	Effect of Sonication and High Shear Mixing Parameters on Nanoco	G.S. Mechanical and ph	Mo2.10.1	Session Mo2.10	Monday 25th	11.20 - 11.40
1761	Gozzman	Irina	Soreq NRC	Conductive CNT-Polyimide Nanocomposites as Space Durable Mat	T.S. CNT nanocomposit	Tu3.2.5	Session Tu3.2	Tuesday 26th	16.10 - 16.30
1763	Lian	Wei	Commercial Aircraft C	A new strength simulation method considering in-situ property fo	G.S. Damage and fractu	Th2.13.5	Session Th2.13	Thursday 28th	12.40 - 13.00
1764	Ionita	Mariana	University Politehnic	A Molecular Modelling approach for designing poly(vinyl-alcohol)	T.S. Mechanics of nano	Tu2.1.4	Session Tu2.1	Tuesday 26th	12.20 - 12.40
1770	Phillips	Scott	The Pennsylvania Stat	Shape Changing Plastics via Stimuli-Induced Depolymerization	G.S. Mechanical properties	We2.3.4	Session We2.3	Wednesday 27th	12.20 - 12.40
1772	Suga	Kazuhiro	Tokyo University of Sc	Numerical study on identification of anisotropic material properti	G.S. Experimental Tech	We3.8.3	Session We3.8	Wednesday 27th	15.30 - 15.50

1777	Shishkina	Oksana	Katholieke Universiteit	Multi-level characterisation of the compressive behaviour of cellulose	T.S. Composites for wind	Mo4.5.4	Session Mo4.5	Monday 25th	17.50 - 18.10
1780	MAROSI	Gyorgy	Budapest University of	Fire Retardancy of Biofibre-, Glassfibre- and Self- Reinforced Poly	T.S. Daniela Tabuani - F	Tu3.3.5	Session Tu3.3	Tuesday 26th	16.10 - 16.30
1782	Cwik	Tomasz	Imperial College Lond	Dynamic Testing of High Performance Composite Materials	T.S. Composite Impact I	Tu1.4.3	Session Tu1.4	Tuesday 26th	9.10 - 9.30
1790	Alekseeva	Sofya	Institute of Machines	CREEP AND DURABILITY OF POLYMER BASED GEOGRID COMPOSITE	G.S. Durability and agei	Th3.14.4	Session Th3.14	Thursday 28th	15.50 - 16.10
1791	Joki	Reidar Kvalø	SINTEF	Progressive Damage Model for Fibre Reinforced Polymer Compos	G.S. Damage and fractu	Th4.13.4	Session Th4.13	Thursday 28th	17.50 - 18.10
1796	Fernandez Villel	Irene	Deff University of Tec	PROCESSING WINDOWS FOR RESISTANCE WELDING OF THERMOPL	T.S. Joining of composi	We3.11.3	Session We3.11	Wednesday 27th	15.30 - 15.50
1797	Mittelstedt	Siham	Technische Universit	Micromechanical analysis of porosities and fiber undulations in fib	T.S. Micromechanics an	Mo3.9.2	Session Mo3.9	Monday 25th	15.10 - 15.30
1798	BERTANI	ROBERTA	UNI PD	New ETFE nanocomposites based on fluoro-modified nanoclays	G.S. Nanocomposites: S	Th3.11.2	Session Th3.11	Thursday 28th	15.10 - 15.30
1799	Petrone	Giuseppe	University of Naples F	THE EFFECT OF CORE HEIGHT ON THE VIBRO-ACOUSTIC BEHAVIOUR	T.S. Natural fibre and bi	Th2.1.3	Session Th2.1	Thursday 28th	12.00 - 12.20
1800	Both	Jan	Institute of Lightwei	Simulation and experimental characterization of the bearing beha	T.S. Joints in composite	Mo4.7.4	Session Mo4.7	Monday 25th	17.50 - 18.10
1801	APOSTOL	Dragos Alex	University POLITEHNIC	Abstract Title (write here) MODELLING THE INFLUENCE OF SPEED	G.S. Applications 3 - Co	Th4.8.2	Session Th4.8	Thursday 28th	17.10 - 17.30
1802	Kiasat	Mehdi Saeed	Amirkabir University o	Dynamic Response of Composite Panels Subjected to Underwater	T.S. Composites under c	Tu1.5.3	Session Tu1.5	Tuesday 26th	9.10 - 9.30
1803	Broekhuis	Ton	University Groningen	Alternating polyketones as versatile building blocks in the design	Complex materials for s	We2.3.3	Session We2.3	Wednesday 27th	12.00 - 12.20
1804	Abkulut	Ahsen	Sakarya University, Er	The Effect of Different Surface Coatings on the LiMn2O4/MWCNT	T.S. Composite materia	We3.12.4	Session We3.12	Wednesday 27th	15.50 - 16.10
1807	Bhattacharyya	Debes	University of Auckland	Nanocellulose-based polyaniline conducting composites	T.S. Advances in Nanoc	Tu2.6.1	Session Tu2.6	Tuesday 26th	11.20 - 11.40
1808	ISRAR AHMAD	HARIS AHM	Université de Toulouse	Experimental Test to Identify the Mean Crushing Stress of 0A° and	G.S. Damage and fractu	Mo3.6.5	Session Mo3.6	Monday 25th	16.10 - 16.30
1809	Kim	Su-Hyeon	Korea Institute of Mat	High temperature formability of in-situ Al-TiC composite	T.S. Metal matrix comp	Th3.12.1	Session Th3.12	Thursday 28th	14.50 - 15.10
1812	Lekakou	Constantina	University of Surrey	Meso-nano and micro-nano ion transport in porous carbon compo	T.S. Composite materia	We2.12.3	Session We2.12	Wednesday 27th	12.00 - 12.20
1813	Vivolo	Marianna	KULeuven LRD	Effects of core geometry on the vibro-acoustic behaviour of fibre	T.S. Natural fibre and bi	Th2.1.4	Session Th2.1	Thursday 28th	12.20 - 12.40
1817	Saleem	Muhammad	Ryerson University	Effect of drilling processes on the Mechanical Behaviour of CFRP C	G.S. Damage and fractu	Th2.13.2	Session Th2.13	Thursday 28th	11.40 - 12.00
1821	Katogi	Hideaki	kanagawa university	Effect of Matrix on Fatigue Strength of Unidirectional Jute Spun Ye	T.S. Fatigue of composi	Tu2.7.5	Session Tu2.7	Tuesday 26th	12.40 - 13.00
1825	CHIACHIO-RUA JUAN		UNIVERSITY OF GRAN	Fatigue Diagnosis in Composites- A Robust Bayesian Approach	G.S. Damage and fractu	Th2.13.4	Session Th2.13	Thursday 28th	12.20 - 12.40
1832	Ding	Yining	Dalian University of Tr	DIPHASIC CONDUCTIVE CONCRETE WITH NANO MATERIALS AND	G.S. Health monitoring	We4.14.2	Session We4.14	Wednesday 27th	17.10 - 17.30
1837	Gager	Jakob	Polymer Competence	Assessing the operation load range of non-linear textile composite	T.S. Fracture and Dama	Th2.2.2	Session Th2.2	Tuesday 26th	11.40 - 12.00
1844	Zinno	Alberto	University of Napoli F	Thermoplastic Composite structure for mass transit vehicle: design	T.S. Composite materia	Tu3.8.2	Session Tu3.8	Tuesday 26th	15.10 - 15.30
1849	Povarova	Kira	A.A.Baikov Institute o	OXIDE-REINFORCED COMPOSITES WITH INTERMETALLIC MATRIX	T.S. Metal matrix comp	Th1.12.3	Session Th1.12	Thursday 28th	9.10 - 9.30
1851	Bosia	Federico	Università di Torino	Strength improvement of fibre-reinforced composites through hie	T.S. New Nanoscale anc	Mo3.12.2	Session Mo3.12	Monday 25th	15.10 - 15.30
1856	Schedin	Staffan	Umea university	Experimental analysis of composite timber-concrete wall element	G.S. FRP reinforced con	Th3.9.4	Session Th3.9	Thursday 28th	15.50 - 16.10
1861	Chard	Jonathan	University of Surrey	Coupling Agent for Natural Fibre Composites utilising Thermosetti	T.S. Bio-based /natural	Mo2.1.2	Session Mo2.1	Monday 25th	11.40 - 12.00
1862	Yu	HaNa	University of Bristol	A NOVEL MANUFACTURING METHOD FOR ALIGNED SHORT FIBRE	T.S. Short fiber composi	Mo3.11.1	Session Mo3.11	Monday 25th	14.50 - 15.10
1865	Cheung	Karen Hoi Yi	University of Cambrid	Characterization of PLA-Silk Fibre Composites for Prosthetic Appli	T.S. Natural fibre and bi	Th1.1.5	Session Th1.1	Thursday 28th	9.50 - 10.10
1867	Sasaki	Gen	Hiroshima University	Fabrication Conditions of Carbon Fiber Aluminum Composites by	T.S. Metal matrix comp	Th3.12.2	Session Th3.12	Thursday 28th	15.10 - 15.30
1870	Soerensen	Rene	Aalborg University	Ply-based Optimization of Laminated Composite Shell Structures u	G.S. Optimization of lan	Mo3.4.4	Session Mo3.4	Monday 25th	15.50 - 16.10
1871	Kuwata	Manabu	Queen Mary, Universi	Mode-I interlaminar toughness improvement of CFRP using non-w	T.S. Delamination and i	Tu4.7.1	Session Tu4.7	Tuesday 26th	16.50 - 17.10
1872	Diao	Hele	Imperial College Lond	Pseudo-ductile behaviour of unidirectional carbon fibre reinforc	G.S. Hybrid composites	We3.10.6	Session We3.10	Wednesday 27th	16.30 - 16.50
1873	Pereira	Gilmar	INEGI	Study and Calibration of FBG sensors for the Accurate Strain Moni	G.S. Health monitoring	We3.14.5	Session We3.14	Wednesday 27th	16.10 - 16.30
1875	Kollar	Laszlo	Budapest University o	New Composite Beam Theory including Torsional-warping Shear D	G.S. Design of composi	Mo2.4.4	Session Mo2.4	Monday 25th	12.20 - 12.40
1876	Faton	Mark	Cardiff University	Structural Health Monitoring of Composite Structures using Embe	T.S. Structural Health M	Tu3.14.5	Session Tu3.14	Tuesday 26th	16.10 - 16.30
1879	Jimenez-Melen	Manuel	Universidad de Sevilla	Microstructure and mechanical properties at elevated temperatur	G.S. Mechanical and ph	Th1.7.5	Session Th1.7	Thursday 28th	9.50 - 10.10
1880	Aravand	Mohammad	katholieke universiteit	Evolution of carbon nano-tube dispersion in preparation of a fibre	T.S. CNT nanocomposit	Tu4.2.1	Session Tu4.2	Tuesday 26th	16.50 - 17.10
1884	Bismarck	Alexander	Imperial College Lond	CARBON FIBRE MODIFICATIONS FOR COMPOSITE STRUCTURAL PCT	T.S. Composite materia	We2.12.4	Session We2.12	Wednesday 27th	12.20 - 12.40
1887	Rutecka	Agnieszka	Institute of Fundam	Damage analysis of Al(Mg)/SiC composites under fatigue conditi	G.S. Damage and fractu	Th2.13.3	Session Th2.13	Thursday 28th	12.00 - 12.20
1889	sellam	Charline	Queen Mary Universi	SPRAYING LAYER-BY-LAYER POLY(VINYL ALCOHOL) 3E° GRAPHENE	T.S. Graphene-based Pc	Th2.5.2	Session Th2.5	Thursday 28th	11.40 - 12.00
1893	ALP	Ahmet	Sakarya University	Effect of Reciprocating Sliding Speed on the Tribological Perform	T.S. Metal matrix comp	Th3.12.3	Session Th3.12	Thursday 28th	15.10 - 15.50
1896	Caminero	Miguel Angel	University of Castilla-L	DIGITAL IMAGE CORRELATION ANALYSIS APPLIED TO MONITOR D	G.S. Experimental Tech	We1.8.4	Session We1.8	Wednesday 27th	9.30 - 9.50
1898	Hodzic	Alma	The University of Shef	THE INVESTIGATION OF MECHANICAL PROPERTIES AND FRACTURE	G.S. Mechanical and ph	Mo3.10.4	Session Mo3.10	Monday 25th	15.50 - 16.10
1900	ByungChul	Kim	University of Bristol	Multi-tow shearing mechanism for high-speed manufacturing of v	G.S. Applications 3 - Co	Th4.8.3	Session Th4.8	Thursday 28th	17.30 - 17.50
1906	Zhou	Gang	Loughborough Univer	Investigation of interlaminar resistance of angled laminate beams	G.S. Damage and fractu	Mo4.6.1	Session Mo4.6	Monday 25th	16.50 - 17.10
1907	Karger-Kocsis	Jozsef	Budapest University o	On the Toughness of Polymer Nanocomposites as Assessed by the	T.S. New Nanoscale anc	Mo3.12.4	Session Mo3.12	Monday 25th	15.50 - 16.10
1908	Wienrich	Malte	BAM Federal Institute	Impact of ionic liquid on the mechanical performance of matrix po	T.S. Composite materia	We1.12.4	Session We1.12	Wednesday 27th	9.30 - 9.50
1913	Schmutzler	Henrik	Technische Universit	Influence of loading case on detectability of delaminations by acti	T.S. Thermal methods fr	Th2.9.1	Session Th2.9	Thursday 28th	11.20 - 11.40
1914	Lindgaard	Esben	Aalborg University	A novel rational design method for laminated composite structure	G.S. Optimization of lan	Mo3.4.2	Session Mo3.4	Monday 25th	15.10 - 15.30
1915	Willgert	Markus	KTH Royal Institute of	NEW APPROACHES FOR SOLID POLYMER ELECTROLYTES	T.S. Composite materia	We1.12.3	Session We1.12	Wednesday 27th	9.10 - 9.30
1916	Stefaniak	Daniel	DLR - German Aerosp	Improving the mechanical performance of unidirectional CFRP by	G.S. Hybrid composites	We1.10.4	Session We1.10	Wednesday 27th	9.30 - 9.50
1923	Gvishi	Raz	Soreq	MORPHOLOGICAL CHANGES IN CARBON-NANOTUBE/SILICA COM	G.S. Hybrid composites	We2.10.5	Session We2.10	Wednesday 27th	12.40 - 13.00
1924	Blázquez	Antonio	Escuela Superior de In	Analysis of a stringer run-out concept including damage initiation	T.S. Structural Perform	We1.5.5	Session We1.5	Wednesday 27th	9.50 - 10.10
1925	Crossley	Richard	University of Notting	The Development and Processing of a Sustainable Fully Bio Derive	T.S. Bio-based /natural	Mo2.1.3	Session Mo2.1	Monday 25th	12.00 - 12.20
1926	Paris	Federico	University of Seville	On the use of three dimensional material laws in the analyses of fi	T.S. Structural Perform	We1.5.4	Session We1.5	Wednesday 27th	9.30 - 9.50
1928	Muc	Aleksander	Cracow University of	Identification of Defects in Carbon Nanotubes	T.S. Mechanics of nanos	Tu2.1.5	Session Tu2.1	Tuesday 26th	12.40 - 13.00
1935	Mileiko	Sergei	Institute of Solid Stat	Creep behavior of metal matrix heat resistant composites reinfor	T.S. Metal matrix comp	Th1.12.4	Session Th1.12	Thursday 28th	9.30 - 9.50
1936	CELEBI EFE	Gozde Fatm	Sakarya University	IMPROVING PROPERTIES OF COPPER BY SiC PARTICLES	G.S. Mechanical and ph	Mo4.10.4	Session Mo4.10	Monday 25th	17.50 - 18.10
1938	Joelly	Ines	Polymer Competence	Study of mechanical and physico-chemical surface properties of co	T.S. Composites repair	We4.7.3	Session We4.7	Wednesday 27th	17.30 - 17.50
1939	Lafferty	Austin	University of Sheffield	Dispersion and Mechanical/Electrical Characterisation of Carbon	G.S. Nanocomposites: P	We2.6.3	Session We2.6	Wednesday 27th	12.00 - 12.20
1940	Girhammar	Ulf Arne	Luleå University of Tec	Human-induced vibrations in composite timber floors	G.S. Mechanical and ph	Mo3.10.3	Session Mo3.10	Monday 25th	15.30 - 15.50
1943	Cetinkaya	Tugrul	Sakarya University	Improving discharge capacity of Silicon anodes by reinforcing MW	T.S. Composite materia	We4.12.3	Session We4.12	Wednesday 27th	17.30 - 17.50
1944	Nakai	Asami	Gifu University	Cooperative relationship between interfacial and impregnation st	G.S. Interfaces and inte	We2.13.2	Session We2.13	Wednesday 27th	11.40 - 12.00
1945	Chiosz	Joerg	Institute for Carbon C	Material modeling of 2x2 braided composites using a beam appro	G.S. Multiscale modell	Mo2.8.5	Session Mo2.8	Monday 25th	12.40 - 13.00
1951	reveillon	damien	femto-st	Experiments on laminated plate with extension/twist coupling	G.S. Applications 1 - Ma	Th2.6.2	Session Th2.6	Thursday 28th	11.40 - 12.00
1952	Grande	Antonio	Politecnico di Milano	Self-healing behaviour of ionomers and ionomer composites unde	Complex materials for s	Th1.3.2	Session Th1.3	Thursday 28th	8.50 - 9.10
1953	Sheikh	Hamid	University of Adelaide	Web core sandwich bridge decks having different configurations	T.S. Composites in civil	Tu1.9.1	Session Tu1.9	Tuesday 26th	8.30 - 8.50
1955	Howarth	Jack	University of Sheffield	Interface Optimisation of Recycled Carbon Fibre Composites	G.S. Interfaces and inte	Tu4.10.2	Session Tu4.10	Tuesday 26th	17.10 - 17.30
1957	Potluri	Prasad	University of Manche	3D weaving of near-net preforms	T.S. 3D fiber preformi	Tu3.9.2	Session Tu3.9	Tuesday 26th	15.10 - 15.30
1958	Karslioglu	Ramazan	Sakarya University	Self Lubricating Effect of Graphite on the Tribological Behaviour	G.S. Hybrid composites	We2.10.6	Session We2.10	Wednesday 27th	13.00 - 13.20
1959	GNIDAKOUMI	Joel Renaud	Ulsan National Instit	Design Optimization and Fabrication of Carbon Nanotube and Gra	G.S. Multifunctional cor	Th3.6.5	Session Th3.6	Thursday 28th	16.10 - 16.30
1961	Vilatela	Juan	IMDEA	Multifunctional composites based on CNT fibres	T.S. New Nanoscale anc	Mo2.12.2	Session Mo2.12	Monday 25th	11.40 - 12.00
1963	Bak	Brian	Siemens Wind Power	Utilization of Large Cohesive Interface Elements for Delamination	T.S. Fracture and Dama	Th2.2.3	Session Th2.2	Thursday 28th	12.00 - 12.20
1965	Tomkova	Blanka	Technical University o	MULTISCALE MODELING OF INORGANIC FIBER REINFORCED CERAM	G.S. Ceramic matrix: Pr	We2.14.1	Session We2.14	Wednesday 27th	11.20 - 11.40
1967	Kantmann	Michael	RWTH Aachen Universi	PREDICTION OF THE CRIPPLING LOAD OF OMEGA-STRINGER STIFF	T.S. Composite materia	Tu3.5.2	Session Tu3.5	Tuesday 26th	15.10 - 15.30
1968	Cao	Keqin	University of Michiga	Kevlar-Based Nanocomposites with Hierarchical Structure	T.S. New Nanoscale anc	Mo3.12.3	Session Mo3.12	Monday 25th	15.30 - 15.50
1972	de fazio	piero	enea-italian national	BFRP: qualification and control test	G.S. Durability and agei	Th3.14.3	Session Th3.14	Thursday 28th	15.30 - 15.50
1973	Boria	Simonetta	University of Camerin	Investigation of the most efficient solution for a specific vehicle in	T.S. Composite Impact I	Tu1.4.4	Session Tu1.4	Tuesday 26th	9.30 - 9.50
1975	BALTOPOULOS	ATHANASIO	University of Patras/	Electrical-based methods for locating damage in composite struct	G.S. Health monitoring	We3.14.3	Session We3.14	Wednesday 27th	15.30 - 15.50
1976	Lekakou	Constantina	University of Surrey	Electrospinning of hydroxyapatite-gelatin scaffolds: Physical char	T.S. Biocomposites: syn	We3.2.2	Session We3.2	Wednesday 27th	15.10 - 15.30
1977	Tchoudakov	Roza	Technion - Israeli Inst	Abstract Title (write here)Electrically conductive epoxy/CNT comp	T.S. Nanocomposites: P	We2.6.4	Session We2.6	Wednesday 27th	12.20 - 12.40
1978	Miranda Gued	Rui	INEGI-Instituto de Eng	The effects of moisture and physical ageing on the viscoelastic beh	G.S. Hygrothermal dura	Th1.14.4	Session Th1.14	Thursday 28th	9.30 - 9.50
1980	Gibson	Geoff	Newcastle University	Acoustic emission monitoring of multi-axial UJWS tests on glass-ep	T.S. Multi-axial fatigue	We2.5.4	Session We2.5	Wednesday 27th	12.20 - 12.40
1981	Bilotti	Emiliano	Queen Mary Universi	Synergistic effects in ternary polymer nanocomposites	T.S. Daniela Tabuani - F	Tu1.3.1	Session Tu1.3	Tuesday 26th	8.30 - 8.50
1982	Celebi	Hande	Anadolu University	DEVELOPMENT OF ANTIBACTERIAL ELECTROSPUN CHITOSAN/POL	G.S. Bio-based composi	Mo3.14.3	Session Mo3.14	Monday 25th	15.30 - 15.50
1984	Pineda Castillo	Ubaldo	Cardenal Herrera Univ	Experimental Analysis by Thermography and Conductive Heat Flux	G.S. Applications 3 - Co	Th4.8.4	Session Th4.8	Thursday 28th	17.50 - 18.10
1986	De Greef	Niels	Katholieke Universiteit	Grafting carbon nanotubes on carbon fibers without loss in carbon	G.S. Nanostructured fib	Tu1.2.2	Session Tu1.2	Tuesday 26th	8.50 - 9.10
1988	Peng	Josh Z.	University of Missouri	Synthesis, Morphology and Applications of Cluster-Containing Hy	T.S. Polymer composite	We4.2.1	Session We4.2	Wednesday 27th	16.50 - 17.10
1991	Ohtani	Akio	Gifu University	Investigation in Mechanical and Thermal Properties for Three-Dim	G.S. T.S. Testing and charac	Th1.10.5	Session Th1.10	Thursday 28th	9.50 - 10.10
2000	Rodriguez-Hori	Marta	Vienna University of T	Structural characterisation of defects in CFRP laminates produced	T.S. Manufacturing defe	We1.9.4	Session We1.9	Wednesday 27th	9.30 - 9.50

2006	Garcia	Israel G.	School of Engineering	Size effect on transverse crack initiation in cross-ply laminates. Ap	T.S. Micromechanics an	Mo3.9.3	Session Mo3.9	Monday 25th	15.30 - 15.50
2007	Palumbo	Davide	Politecnico di Bari	Non destructive evaluation of composite materials with new therm	T.S. Thermal methods fi	Th2.9.3	Session Th2.9	Thursday 28th	12.00 - 12.20
2008	Silva	Leide	Technological Faculty	Synthesis of Thermoplastic Composites from Carbon Fibers Treat	G.S. Interfaces and inte	We2.13.4	Session We2.13	Wednesday 27th	12.20 - 12.40
2010	Galietti	Umberto	Politecnico di Bari	THERMAL ANALYSIS AND MECHANICAL CHARACTERIZATION OF G	T.S. Thermal methods fi	Th1.9.3	Session Th1.9	Thursday 28th	9.10 - 9.30
2012	Zaitsev	Alexey	Perm National Resear	Computational Models for the Description of Multiparticle Interac	G.S. Damage and fractu	Tu2.10.4	Session Tu2.10	Tuesday 26th	12.20 - 12.40
2015	Mouzakis	Dionysios	Technological Educati	COMPRESSION AFTER IMPACT RESPONSE OF ADVANCED CARBON	T.S. Composites for aer	We3.5.5	Session We3.5	Wednesday 27th	16.10 - 16.30
2023	Abdel-Magid	Beckyry	Winona State Univers	Long-term Effect of Seawater on Glass/Thermoset Composites	T.S. Effect of aggressive	Tu3.4.2	Session Tu3.4	Tuesday 26th	15.10 - 15.30
2024	Trakakis	George	Institute of Chemical I	Carbon nanotubes buckypapers of controlled porosity and their ne	T.S. CNT nanocomposit	Tu4.2.2	Session Tu4.2	Tuesday 26th	17.10 - 17.30
2026	Ma	Jing	Aalborg University	HSP study on the dispersion and interfacial adhesion of Functional	G.S. Nanocomposites: P	We2.6.5	Session We2.6	Wednesday 27th	12.40 - 13.00
2027	Varna	Janis	Lulea University of Tec	Modelling mechanical stresses due to intercalation and de-interca	T.S. Composite materia	We3.12.2	Session We3.12	Wednesday 27th	15.10 - 15.30
2031	Allikas	Georg	Tallinn University of T	Design of light-weight sandwich panels for trailers	G.S. Sandwich technolo	Th3.10.5	Session Th3.10	Thursday 28th	16.10 - 16.30
2037	Porras	Alicia	Universidad de los An	ECO FRIENDLY CORE SANDWICH PANEL REINFORCED WITH MANIC	T.S. Composites from Ri	Tu1.13.5	Session Tu1.13	Tuesday 26th	9.50 - 10.10
2042	Lund	Erik	Aalborg University	Design optimization of laminated composite structures with many	G.S. Optimization of lan	Mo3.4.5	Session Mo3.4	Monday 25th	16.10 - 16.30
2043	Mantic	Vladislav	School of Engineering	The effect of transverse load biaxiality on the fibre-matrix debond	T.S. Micromechanics an	Mo3.9.4	Session Mo3.9	Monday 25th	15.50 - 16.10
2046	Tsoukleri	Georgia	FORTH/ICE-HT - Un.	Tensile mechanical properties of embedded single, bi- and tri- lay	T.S. Graphene-based Pc	Th1.5.2	Session Th1.5	Thursday 28th	8.50 - 9.10
2047	Jones	Frank	University of Sheffield	THE LOCUS OF FAILURE OF THE INTERPHASE IN GLASS FIBRE COM	G.S. Interfaces and inte	We2.13.3	Session We2.13	Wednesday 27th	12.00 - 12.20
2055	Cerny	Miroslav	Czech Technical Unive	Viscoelastic Behavior of Composite Sandwich Beam in Bending	G.S. Sandwich technolo	Th3.10.4	Session Th3.10	Thursday 28th	15.50 - 16.10
2059	Holeczek	Klaudiusz	Technische Universita	Characterisation of Impact-Caused Changes of the Anisotropic Ma	G.S. Damage and fractu	Mo4.6.2	Session Mo4.6	Monday 25th	17.10 - 17.30
2061	Bochynek	Ralph	Leichtbau-Zentrum Sa	The influence of textile architecture on the strain-rate dependant	T.S. Composites under c	Tu2.5.5	Session Tu2.5	Tuesday 26th	12.40 - 13.00
2063	Cho	Maenghyo	Seoul National Univer	Multiscale modeling of hydrothermal behavior of epoxy-based na	G.S. Multiscale modellir	Th3.5.1	Session Th3.5	Thursday 28th	14.50 - 15.10
2065	Persson	Maria	University of Oulu	Poly(lactic acid)/hydroxyapatite composite fibers for 3D osteoco	G.S. Bio-based composi	Mo4.1.4	Session Mo4.1	Monday 25th	17.50 - 18.10
2068	Erdmann	Eleonora	ITBA	Preparation of Poly(vinylalcohol)/Organoclay Nanocomposites by	G.S. Nanocomposites: S	Th3.11.1	Session Th3.11	Thursday 28th	14.50 - 15.10
2072	Jacob	Karl	Georgia Tech	Structure Dependent Interface Adsorption in Polymer Nanocomp	G.S. Interfaces and inte	We2.13.5	Session We2.13	Wednesday 27th	12.40 - 13.00
2073	Bai	Su	Imperial College Lond	IMPACT OF CONTINUOUS ATMOSPHERIC PRESSURE PLASMA POL	G.S. Interfaces and inte	Tu4.10.3	Session Tu4.10	Tuesday 26th	17.30 - 17.50
2074	ARAI	MASASHIRO	Shinshu University	Characteristic of mode I crack propagation of CFRP laminates toug	T.S. CNT nanocomposit	Tu4.2.3	Session Tu4.2	Tuesday 26th	17.30 - 17.50
2084	Lee	Woo Il	Seoul National Univer	Experimental Analysis of the Filtration of Particles During the Ligu	G.S. Nanocomposites: S	Th2.11.4	Session Th2.11	Thursday 28th	12.20 - 12.40
2089	Korach	Chad	Stony Brook Universit	Characterization of Carbon Fiber-Vinylester Composites Exposed t	O.N.R. session	Mo3.5.2	Session Mo3.5	Monday 25th	15.10 - 15.30
2090	DAMIAN	Celina Mari	University Politechnica	Synthesis of nanocomposites based on fluorine containing epoxy r	G.S. Mechanical and ph	Th2.7.2	Session Th2.7	Thursday 28th	11.40 - 12.00
2093	Berglund	Lars	KTH	Bioinspired clay nanocomposites of very high clay content	G.S. Nanocomposites: S	Th2.11.5	Session Th2.11	Thursday 28th	12.40 - 13.00
2095	Perillo	Giovanni	NTNU - Norwegian Un	Evaluation of mode I interlaminar fracture toughness of filament-	G.S. Experimental Tech	We3.8.4	Session We3.8	Wednesday 27th	15.50 - 16.10
2097	Gibson	Geoff	Newcastle University	Modelling the fire response of aerospace composites under load.	T.S. Daniela Tabuani - F	Tu3.3.3	Session Tu3.3	Tuesday 26th	15.30 - 15.50
2098	Linden	Johannes	Newcastle University	Modelling of composite repairs for steel pressure piping	T.S. Composites repair	We3.7.1	Session We3.7	Wednesday 27th	14.50 - 15.10
2105	Tejchman	Jacek	Gdansk University of T	Experimental and numerical evaluation of composite structural int	T.S. Composites in civil	Tu1.9.2	Session Tu1.9	Tuesday 26th	8.50 - 9.10
2106	DRISSI HABTI	Monsef	IFSTTAR	On the Way to Smart Bi-Reinforced Composites Taking Advantage	T.S. Multiscale modellin	Tu4.1.2	Session Tu4.1	Tuesday 26th	17.10 - 17.30
2110	Kupfer	Robert	Technische Universita	Warm-shaped loop connections - a novel joining system for therm	T.S. Joints in composite	Mo3.7.4	Session Mo3.7	Monday 25th	15.50 - 16.10
2114	BERGEROT	Alain	EADS Astrium-ST	Advanced Mechanical Justification for Launcher Composite Struct	T.S. Fracture and Dama	Th2.2.4	Session Th2.2	Thursday 28th	12.20 - 12.40
2118	Ben Abdelwah	Amine	Laboratoire Ondes et	Void prediction during Liquid Composite Molding Processes: Wett	G.S. Multiscale modellir	Mo4.8.2	Session Mo4.8	Monday 25th	17.10 - 17.30
2121	Pitarresi	Giuseppe	University of Palermo	Mode I fracture toughness behaviour of epoxy resin-carbon fiber	G.S. Mechanical and ph	Th1.7.2	Session Th1.7	Thursday 28th	8.50 - 9.10
2125	Milano	Giuseppe	IMAST	Multiscale Molecular Simulations of Nanomaterials.	G.S. Multiscale modellir	Mo4.8.1	Session Mo4.8	Monday 25th	16.50 - 17.10
2127	Valentini	Manlio	University of Rome Te	Poly(ϵ -caprolactone) reinforced with MWCNTs and GNPs loaded a	G.S. Fibers and matrice	Tu1.14.1	Session Tu1.14	Tuesday 26th	8.30 - 8.50
2129	Dano	Marie-Laure	Université Laval	Investigation of damage mechanisms in 3D interlock textile compo	T.S. Composites under c	Tu1.5.4	Session Tu1.5	Tuesday 26th	9.30 - 9.50
2138	SUSLER	SEDAT	ISTANBUL TECHNICAL	Nonlinear Dynamic Behaviour of Tapered Sandwich Plates Subject	T.S. Composites under c	Tu1.5.5	Session Tu1.5	Tuesday 26th	9.50 - 10.10
2139	Klepka	Andrzej	AGH University of Sci	Nonlinear Vibro-Acoustic Wave Modulations for Impact Damage	G.S. Damage and fractu	Th3.13.1	Session Th3.13	Thursday 28th	14.50 - 15.10
2143	Yang	Zhilua	Harbin Institute of Tec	Microstructure and Electroconductivity of TiN-Al ₂ O ₃ Composites	G.S. Ceramic matrix: Pri	We2.14.6	Session We2.14	Wednesday 27th	13.00 - 13.20
2144	zhuo	tian	Harbin institute of tec	Effect of AlN content on the microstructure and mechanical prop	G.S. Ceramic matrix: M	Th4.5.4	Session Th4.5	Thursday 28th	17.50 - 18.10
2147	Zhou	Rui	Harbin Institute of Tec	Effect of reinforcement Content on Microstructure and Mechanic	T.S. Metal matrix comp	Th3.12.4	Session Th3.12	Thursday 28th	15.50 - 16.10
2156	Spagnoli	Andrea	University of Parma	SHAKEDOWN LIMIT IN BRITTLE-MATRIX COMPOSITES WITH PLAST G	G.S. FRP reinforced con	Th3.9.5	Session Th3.9	Thursday 28th	16.10 - 16.30
2166	Sørensen	Bent F.	Technical University o	A new generation of J integral fracture specimens for large-scale	T.S. Delamination and i	Tu4.7.2	Session Tu4.7	Tuesday 26th	17.10 - 17.30
2169	Zhang	Xuexi	Harbin Institute of Tec	Enhancing interfacial bonding strength between multi-walled carbo	T.S. Interfaces and inte	We3.13.5	Session We3.13	Wednesday 27th	16.10 - 16.30
2170	CHALIORIS	Constantin	Democritus Universit	FRP DEBONDING PREVENTION OF STRENGTHENED CONCRETE ME	G.S. FRP reinforced con	Th3.9.3	Session Th3.9	Thursday 28th	15.30 - 15.50
2171	Ahmed	Awais	Delft University of Tec	A computational model for prediction of progressive damage in la	G.S. Damage and fractu	Tu3.10.4	Session Tu3.10	Tuesday 26th	15.50 - 16.10
2172	Grave	Jon Harald L	NTNU	Evaluation of the strain field in a Composite $\alpha\epsilon$ Metal Adhesive Jc	T.S. Joining of composi	We1.11.4	Session We1.11	Wednesday 27th	9.30 - 9.50
2176	Qian	Cheng	University of Nottingh	Structural optimisation of 3D components manufactured by the di	T.S. Composites for aut	Tu2.8.1	Session Tu2.8	Tuesday 26th	11.20 - 11.40
2177	Dunlop	John	Max Planck Institute c	Controlling tissue growth by substrate geometry	Complex materials for s	We4.3.2	Session We4.3	Wednesday 27th	17.10 - 17.30
2178	Bond	Ian	University of Bristol	RECOVERY AND REMODELLING IN FIBRE REINFORCED POLYMER C	Complex materials for s	We3.3.5	Session We3.3	Wednesday 27th	16.10 - 16.30
2179	Trask	Richard	University of Bristol	BIOMIMICRY OF MECHANOTRANSDUCTION IN THE REMODELLING	Complex materials for s	Th1.3.4	Session Th1.3	Thursday 28th	9.30 - 9.50
2183	Murin	Justin	Slovak University of T	Effect of the shear correction function in the FGM beams modal a	G.S. Multifunctional cor	Th4.6.2	Session Th4.6	Thursday 28th	17.10 - 17.30
2186	Rabolt	John	University of Delawar	Static and Time-Resolved Studies of Electrospun Polymer Nanofibr	T.S. New Nanoscale anc	Mo2.12.4	Session Mo2.12	Monday 25th	12.20 - 12.40
2188	Siochi	Emilie	NASA Langley Researc	Challenges for Insertion of Structural Nanomaterials in Aerospace	T.S. New Nanoscale anc	Mo3.12.1	Session Mo3.12	Monday 25th	14.50 - 15.10
2189	Harrington	Matthew	Max Planck Institute c	Nature $\alpha\epsilon$'s self-repairing metallopolymeric materials	Complex materials for s	We2.3.1	Session We2.3	Wednesday 27th	11.20 - 11.40
2192	Cornwell	Charles	USACEITL	EFFECT OF CNT CHIRALITY ON FIBER STRENGTH AND TOUGHNESS	G.S. Nanostructured fib	Tu1.2.1	Session Tu1.2	Tuesday 26th	8.30 - 8.50
2198	Doherty	Michael	University of Californi	Molecular Design Rules for Blast-Resistant Honeycomb Structures	Complex materials for s	Th2.3.1	Session Th2.3	Thursday 28th	11.20 - 11.40
2201	Blanco	Norbert	Universitat de Girona	On the delamination of multidirectional laminates under Mode I	T.S. Delamination and i	Tu4.7.3	Session Tu4.7	Tuesday 26th	17.30 - 17.50
2202	Galvanetto	Ugo	Università di Padova	Impact tests and simulations for multifunctional materials	T.S. Composite materia	Tu3.5.3	Session Tu3.5	Tuesday 26th	15.30 - 15.50
2206	Leibler	Ludwik	ESPCI	Vitrimers, organic materials that behave like the glass.	Complex materials for s	We2.3.2	Session We2.3	Wednesday 27th	11.40 - 12.00
2207	Arruda	Ellen	University of Michiga	Regeneration of Native Anterior Cruciate Ligament $\alpha\epsilon$ " A Tissue E	Complex materials for s	We4.3.4	Session We4.3	Wednesday 27th	17.50 - 18.10
2208	Fratzl	Peter	Max Planck Institute c	Osteocyte networks and continuous damage repair in bone	Complex materials for s	We3.3.1	Session We3.3	Wednesday 27th	14.50 - 15.10
2209	Leach	Kent	University of Californi	Instructive hydrogels in bone tissue engineering	Complex materials for s	We4.3.5	Session We4.3	Wednesday 27th	18.10 - 18.30
2212	Shirshova	Natasha	Imperial College Lond	Multifunctional Epoxy Resin for Structural Supercapacitors	T.S. Composite materia	We1.12.2	Session We1.12	Wednesday 27th	8.50 - 9.10
2213	Wetzel	Eric	U.S. Army Research La	Structural Composite Capacitors, Supercapacitors, and Batteries	T.S. Composite materia	We2.12.5	Session We2.12	Wednesday 27th	12.40 - 13.00
2214	Wetzel	Eric	U.S. Army Research La	Self-Patterning Vascular Systems via Electrostatic Effects	Complex materials for s	We3.3.4	Session We3.3	Wednesday 27th	15.50 - 16.10
2216	Geubelle	Phillippe	University of Illinois	Computational Modeling and Design of Microvascular Composites	Complex materials for s	We3.3.2	Session We3.3	Wednesday 27th	15.10 - 15.30
2217	Guelcher	Scott	Vanderbilt University	Injectable Weight-bearing Biocomposites for Bone Regeneration	Complex materials for s	We2.3.5	Session We2.3	Wednesday 27th	12.40 - 13.00
2221	Labordus	Maarten	Infra Composites BV	Composite edge profiles for bridges	T.S. Composites in civil	Tu1.9.3	Session Tu1.9	Tuesday 26th	9.10 - 9.30
2222	QAZI	Samiullah	INSA Lyon	Mechanical behavior of CFRP strengthened short RC wall subject	G.S. FRP reinforced con	Th3.9.2	Session Th3.9	Thursday 28th	15.10 - 15.30
2224	Jimsher	Aneli	Institute of Machine n	Anisotropic polymer composites with gradients of conducting and	T.S. Structure-property	We4.5.2	Session We4.5	Wednesday 27th	17.10 - 17.30
2229	Schueett	Matthias	EADS Germany	Multi-layered composites with increased fire resistance	T.S. Daniela Tabuani - F	Tu3.3.4	Session Tu3.3	Tuesday 26th	15.50 - 16.10
2235	Morimune	Seira	Kobe University	Preparation of Graphene Oxide Reinforced Poly (methyl methacry	T.S. Graphene-based Pc	Th2.5.3	Session Th2.5	Thursday 28th	12.00 - 12.20
2237	Sadeghinia	Mahdi	Delft University of Tec	Abstract Title (Thermo-Mechanical Properties of an Epoxy Moldin	G.S. Experimental Tech	We3.8.5	Session We3.8	Wednesday 27th	16.10 - 16.30
2239	Begley	Matthew	University of Californi	Scaling Relationships for Bio-inspired Brick and Mortar Synthetic	Complex materials for s	Th2.3.2	Session Th2.3	Thursday 28th	11.40 - 12.00
2246	Weinkamer	Richard	Max Planck Institute c	Computer simulation of structural remodeling and healing of bone	Complex materials for s	Th1.3.3	Session Th1.3	Thursday 28th	9.10 - 9.30
2251	Sottos	Nancy	University of Illinois	Pressurized Vascular Systems for Self-Healing and Regeneration	Complex materials for s	We3.3.3	Session We3.3	Wednesday 27th	15.30 - 15.50
2256	Chee	Siaw Soon	Nanyang Polytechnic	Influence of Different Organo-modified Nanoclays on The Mechan	G.S. Nanocomposites: A	We4.9.4	Session We4.9	Wednesday 27th	17.50 - 18.10
2257	Twist	Benjamin	Swansea University /	Bonded Repair of CFRP Primary Structure: testing and analysis of	T.S. Composites repair	We4.7.4	Session We4.7	Wednesday 27th	17.50 - 18.10
2258	Aktas	Alper	University of Southam	MEASUREMENT OF PERMEABILITY AND CURE USING THERMOCOOL	T.S. Liquid composite m	Tu1.11.5	Session Tu1.11	Tuesday 26th	9.50 - 10.10
2261	van der Meer	Frans	Delft University of Tec	Modeling transverse cracking in laminates with a single layer of el	T.S. Micromechanics an	Mo4.9.1	Session Mo4.9	Monday 25th	16.50 - 17.10
2266	OZAWA	Yoshihito	Fukushima University	Fabrication Method and Mechanical Properties of Carbon/Carbon	G.S. Bio-based composi	Th2.4.3	Session Th2.4	Thursday 28th	12.00 - 12.20
2267	MONTEMURRO	MARCO	CRP HENRI TUDOR OR	Optimal Design of Damping Properties of Hybrid Elastomer-Comp	G.S. Design of composi	Mo2.4.1	Session Mo2.4	Monday 25th	11.20 - 11.40
2268	Bonora	Nicola	University of Cassino	CHARACTERIZATION OF GLASS FIBER REINFORCED SKIN/BALSA CO	T.S. Structural Perform	We1.5.1	Session We1.5	Wednesday 27th	8.30 - 8.50
2269	Zuccarello	Bernardo	University of Palermo	AN EXPERIMENTAL STUDY OF GFRP-ALUMINIUM BOLTED-BONDE	T.S. Joints in composite	Mo4.7.5	Session Mo4.7	Monday 25th	18.10 - 18.30
2271	Palardy	Genevieve	McGill University	Development of a post-processing method to tailor the mechanic	G.S. Nanostructured fib	Tu1.2.3	Session Tu1.2	Tuesday 26th	9.10 - 9.30
2274	Ali	Abdalla	Chonbuk National Uni	STUDY ON THE DEGRADATION BEHAVIOR BIODEGRADABLE POLY	G.S. Nanocomposites: A	Mo3.14.6	Session Mo3.14	Monday 25th	16.30 - 16.50
2275	Rana	Sohel	University of Monho	Strain and Damage Sensing Behaviour of Core Reinforced Braided	T.S. Structural Health M	Tu4.14.1	Session Tu4.14	Tuesday 26th	16.50 - 17.10

2278	Pracella	Mariano	Ist. Materiali Composi	Preparation and characterization of PLA nanocomposites with nan	G.S. Nanocomposites: P	We3.6.2	Session We3.6	Wednesday 27th	15.10 - 15.30
2283	Cunningham	Paul	Loughborough Univer	The numerical analysis of damage in textile composites using a m	T.S. Multiscale analysis	We2.1.5	Session We2.1	Wednesday 27th	12.40 - 13.00
2286	Shimoda	Masatoshi	Toyota Technological	Shape Optimization Method for Designing Interface Shapes of Cor	G.S. Design of composi	Mo2.4.2	Session Mo2.4	Monday 25th	11.40 - 12.00
2287	Seifoori	Sajjad	Tarbiat Modares Univ	Analytical studies on the low-velocity impact response and damag	G.S. Damage and fractu	Tu3.10.3	Session Tu3.10	Tuesday 26th	15.30 - 15.50
2288	Rhee	Sang-Hoon	Seoul National Univer	Preparation of bioactive chitosan/calcium silicate nanocomposite	T.S. Organic-inorganic c	Th4.1.5	Session Th4.1	Thursday 28th	18.10 - 18.30
2290	Duda	Georg	Charité - Universitäts	Mechano-biology & aging: What can we learn from bone regenera	Complex materials for s	We1.3.3	Session We1.3	Wednesday 27th	9.10 - 9.30
2295	Ahmad	A M Mabru	Nanyang Technologics	Cruciform specimen design for biaxial analysis of composite	G.S. Testing and charac	Th2.10.4	Session Th2.10	Thursday 28th	12.20 - 12.40
2302	Chai	Herzl	Tel Aviv University	Tooth enamel as a smart biocomposite for fracture resistance	G.S. Bio-based composi	Th3.4.4	Session Th3.4	Thursday 28th	15.50 - 16.10
2303	Alston	Sue	Swansea University	Finite element modelling of moisture uptake in carbon fibre / epo	G.S. Estimation of dura	Th2.14.3	Session Th2.14	Thursday 28th	12.00 - 12.20
2305	Jones	Stephen	University of Sheffield	Mixed-mode (I/II) fracture study of epoxies using digital image cor	G.S. Experimental Tech	We1.8.5	Session We1.8	Wednesday 27th	9.50 - 10.10
2306	McMillan	Alison	University of Glamorg	Defect identification and characterisation algorithms for assessing	T.S. Manufacturing defe	We1.9.5	Session We1.9	Wednesday 27th	9.50 - 10.10
2310	Ye	Yicong	National university of	Investigation of anti-ablation property of Cf/HfC composite prepa	G.S. Mechanical and ph	Mo4.10.2	Session Mo4.10	Monday 25th	17.10 - 17.30
2311	Ho	Suong	Concordia University	Conductive structural adhesive with low thermal expansion coeffi	G.S. Nanocomposites: A	Th1.11.3	Session Th1.11	Thursday 28th	9.10 - 9.30
2313	Erdmann	Eleonora	ITBA	Preparation and Characterization of mix matrix membranes polym	G.S. Nanocomposites: P	We3.6.3	Session We3.6	Wednesday 27th	15.30 - 15.50
2314	Romão	Cristina	Faculty of Engineering	WOVEN FLAX FABRIC FIBER REINFORCED IN-SITU POLYMERIZED PI	G.S. Bio-based composi	Th2.4.5	Session Th2.4	Thursday 28th	12.40 - 13.00
2316	Lungu	Claudiu	University of Alabama	Carbon Capture with Natural Fiber-Based Composite Adsorbents	G.S. Bio-based composi	Mo4.1.5	Session Mo4.1	Monday 25th	18.10 - 18.30
2317	Pearce	Garth	University of New Sou	Pull-through Failure Prediction for Composite Bolted Joints using	T.S. Joints in composite	Mo3.7.5	Session Mo3.7	Monday 25th	16.10 - 16.30
2319	Montesano	John	Ryerson University	Fatigue Damage Characterization of a Tri-axially Braided Polymer	T.S. Textile composites	We2.7.5	Session We2.7	Wednesday 27th	12.40 - 13.00
2321	Zhang	Faai	Guilin University of Te	Effects of mesoporous silica on PMMA / SBA-15 nanocomposites f	T.S. Advances in Nanoco	Tu2.6.4	Session Tu2.6	Tuesday 26th	12.20 - 12.40
2325	Martyniuk	Karolina	Riso DTU	EXPERIMENTAL INVESTIGATION OF GLASS FIBER/MATRIX INTERFA	T.S. Fracture and Dama	Th2.2.5	Session Th2.2	Thursday 28th	12.40 - 13.00
2329	AlSaidy	Abdullah	Sultan Qaboos Univer	Textile Reinforced Mortar for Strengthening Reinforced Concrete	T.S. Composites in civil	Tu2.9.4	Session Tu2.9	Tuesday 26th	12.20 - 12.40
2333	Knappe	Stephan	NETZSCH-Geraetebau	Cure Monitoring of Composites by DEA	G.S. Processing and ma	We4.4.3	Session We4.4	Wednesday 27th	17.30 - 17.50
2336	Gruhl	Andreas	TU Dresden	Thin and Lightweight Radar Absorber to Minimize Radar Interfer	T.S. Composites for win	Mo4.5.5	Session Mo4.5	Monday 25th	18.10 - 18.30
2347	Arnold	Cris	Swansea University	The Long-Term Water Absorption and Desorption Behaviour of Ca	G.S. Hygrothermal dura	Th1.14.5	Session Th1.14	Thursday 28th	9.50 - 10.10
2355	Zhang	xuan	Université de Technol	Mechanical behavior of tufted composite	G.S. Mechanical and ph	Th3.7.4	Session Th3.7	Thursday 28th	15.50 - 16.10
2357	Raju	Gangadhara	University of Bristol	Buckling analysis of Variable angle tow composite plates using Dif	G.S. Applications 1 - Ma	Th2.6.3	Session Th2.6	Thursday 28th	12.00 - 12.20
2362	Moore	Jeffrey	University of Illinois	Mechanochemical Approaches to Autonomic Remodeling and Reg	Complex materials for s	Th1.3.5	Session Th1.3	Thursday 28th	9.50 - 10.10
2374	Iannucci	Lorenzo	Imperial College	Modelling low to high velocity impacts on composites using crack	T.S. Composite Impact f	Tu1.4.5	Session Tu1.4	Tuesday 26th	9.50 - 10.10
2376	White	Scott	University of Illinois	Self-Healing Materials à€œ From Capsules to Vascular to Regenera	Complex materials for s	We1.3.2	Session We1.3	Wednesday 27th	8.50 - 9.10
2383	Daud	Norlinda	RMIT University	Centrifugal Preparation of High Filler Content Epoxy-Calcite/Talc	G.S. Nanocomposites: P	We4.6.1	Session We4.6	Wednesday 27th	16.50 - 17.10
2386	Mustapa	Izan Roshah	RMIT University	Dynamic Mechanical Properties and Melting Behaviour of Poly(lac	T.S. Mechanics of nanoc	Tu3.1.5	Session Tu3.1	Tuesday 26th	16.10 - 16.30
2387	Frache	Alberto	Politecnico di Torino	COMBUSTION BEHAVIOUR OF PP-BASED COMPOSITES USED IN INT.S.	T.S. Daniela Tabuani - F	Tu4.3.1	Session Tu4.3	Tuesday 26th	16.50 - 17.10
2390	Le Moigne	Nicolas	CMGD - Ecole des Mir	Improving the interface in natural fibres reinforced PLA biocompo	G.S. Bio-based composi	Mo4.1.2	Session Mo4.1	Monday 25th	17.10 - 17.30
2391	Ben Ramdane	Camélia	Herakles (SAFRAN Gr	MODELLING AND IDENTIFICATION OF THE MECHANICAL BEHAVIO	T.S. Composites for aer	We3.5.6	Session We3.5	Wednesday 27th	16.30 - 16.50
2395	Zhang	Zhongyi	University of Portsmo	Study on T-Bolt Bearing Strengths in Composite Blade Applications	T.S. Joining of composi	We3.11.6	Session We3.11	Wednesday 27th	16.30 - 16.50
2398	Zangenberg	Jens	Technical University of	Fatigue Damage Propagation in Unidirectional Glass Fibre Reinfor	T.S. Fracture and Dama	Th3.2.1	Session Th3.2	Thursday 28th	14.50 - 15.10
2399	Kakigi	Hideyuki	Osaka University	Hard tissue formation in a novel hybrid alginate/calcium phosphate	T.S. Organic-inorganic c	Th4.1.4	Session Th4.1	Thursday 28th	17.50 - 18.10
2401	Murayama	Hideaki	The University of Toky	Abstract Title (write here)Strain Monitoring of 6-m Composite Wir	T.S. Structural Health M	Tu4.14.2	Session Tu4.14	Tuesday 26th	17.10 - 17.30
2413	Reindl	Andreas	Fraunhofer IFAM	Whisker reinforced HA/PLA-composites for resorbable bone subst	T.S. Organic-inorganic c	Th4.1.3	Session Th4.1	Thursday 28th	17.30 - 17.50
2417	Kaden	Markus	German Aerospace Ce	Economical Validation of a New Repair concept for Structures mac	G.S. Low cost technolog	We4.11.3	Session We4.11	Wednesday 27th	17.30 - 17.50
2420	Gambarotta	Luigi	University of Genova	Second grade modeling and strain localization analysis of layered	T.S. Multiscale analysis	We1.1.1	Session We1.1	Wednesday 27th	8.30 - 8.50
2426	Njuguna	James	Cranfield University	Mechanical properties and impact-energy absorption of injection	G.S. Mechanical and ph	Mo3.10.1	Session Mo3.10	Monday 25th	14.50 - 15.10
2427	Fina	Alberto	Politecnico di Torino	FLAME IGNITION MECHANISMS IN POLYMER NANOCOMPOSITES;	T.S. Daniela Tabuani - F	Tu1.3.5	Session Tu1.3	Tuesday 26th	9.50 - 10.10
2429	Olszówka-Mya	Anita	Silesian University of	An influence of carbon particles on tribological properties of magr	T.S. Composites for aut	Tu2.8.2	Session Tu2.8	Tuesday 26th	11.40 - 12.00
2433	Wilckens	Dirk	DLR	Stringer stiffened panel under axial compression, shear and comb	T.S. Composite materia	Tu3.5.4	Session Tu3.5	Tuesday 26th	15.50 - 16.10
2434	Carrere	Nicolas	ENSTA-Bretagne	Failure of notched composite laminates specimen using a couple	G.S. Damage and fractu	Tu1.10.2	Session Tu1.10	Tuesday 26th	9.30 - 9.50
2437	Anzlovar	Alojz	National Institute of C	Mechanical Properties of PMMA/ZnO nanocomposites	T.S. Advances in Nanoco	Tu2.6.2	Session Tu2.6	Tuesday 26th	11.40 - 12.00
2439	Mallick	Pankaj	University of Michiga	Influence of Injection Molding Process Parameters on Fatigue Per	G.S. Estimation of dura	Th2.14.4	Session Th2.14	Thursday 28th	12.20 - 12.40
2443	WARD	CARWYN	UNIVERSITY OF BRIST	THE COMPACTION OF UNCURED TOUGHENED PREPREG LAMINAT	T.S. Processing and Fab	Tu4.11.1	Session Tu4.11	Tuesday 26th	16.50 - 17.10
2449	Greiner	Andreas	University of Marburg	Homogenous functional polymer nanocomposites of short electro	T.S. New Nanoscale anc	Mo3.12.5	Session Mo3.12	Monday 25th	16.10 - 16.30
2452	Zouari	Wajdi	Reims University, IUT	Mechanical properties analysis of short hemp-fibre/Polypropylene	T.S. Biocomposites; syn	We3.2.3	Session We3.2	Wednesday 27th	15.30 - 15.50
2458	Buchely	Mario	Universidad de las An	Effect of the bonding layer on ballistic performance of personal pr	T.S. Composites under c	Tu2.5.1	Session Tu2.5	Tuesday 26th	11.20 - 11.40
2459	harrison	philip	university of glasgow	Rate and Temperature Dependent Modelling of the Forming of Ac	G.S. Multiscale modellir	Mo4.8.3	Session Mo4.8	Monday 25th	17.30 - 17.50
2463	Barber	Asa	Queen Mary Universit	Nanomechanics of antler bone	T.S. Mechanics of nanoc	Tu3.1.3	Session Tu3.1	Tuesday 26th	15.30 - 15.50
2464	Zechner	Johannes	Austrian Academy of S	Toughening of high-strength aluminium structures using a multila	T.S. Fracture and Dama	Th4.2.3	Session Th4.2	Thursday 28th	17.30 - 17.50
2467	Kanarachos	Stratis	Frederick universi	A fluid-structure interaction approach for the simulation of mould	G.S. Low cost technolog	We4.11.4	Session We4.11	Wednesday 27th	17.50 - 18.10
2470	Nobre	João	University of Coimbra	Using the Incremental Hole-drilling Technique for Measuring Resi	G.S. Testing and charac	Th2.10.5	Session Th2.10	Thursday 28th	12.40 - 13.00
2472	Ortiz	Christine	Massachusetts Institut	Nanomechanics Applications to Cartilage Tissue Regeneration	Complex materials for s	We4.3.1	Session We4.3	Wednesday 27th	16.50 - 17.10
2476	Lane	J Matthew	Sandia National Labs	Molecular Dynamics simulation of shock-compressed hydrocarbon	T.S. Shock compression	Tu3.12.2	Session Tu3.12	Tuesday 26th	15.10 - 15.30
2477	BARUAH	Edu	AIRBUS Operations Gr	Composite mechanically fastened joints high strain rate behavior ;	T.S. Joints in composite	Mo4.7.2	Session Mo4.7	Monday 25th	17.10 - 17.30
2479	Vignjevic	Raje	Cranfield University	PROGRESSIVE DAMAGE IN WOVEN CFRP IN PRESENCE OF SHOCK	T.S. Shock compression	Tu3.12.4	Session Tu3.12	Tuesday 26th	15.50 - 16.10
2481	Zorica	Siniša	University Centre for	Insitu SAXS/WAXS study of the developing process of geopolymer	G.S. Multifunctional cor	Th4.6.1	Session Th4.6	Thursday 28th	16.50 - 17.10
2483	ZAKRI	Cécile	Centre de recherche F	Carbon nanotube composite fibers: processing, millifluidic charact	T.S. New Nanoscale anc	Mo2.12.1	Session Mo2.12	Monday 25th	11.20 - 11.40
2484	Kwon	Young	US Naval Postgradu	Effect of Fluid Structure Interaction on Composite Structures unde	O.N.R. session	Mo2.5.3	Session Mo2.5	Monday 25th	12.00 - 12.20
2487	Massabo	Roberta	University of Genova	Damage progression in composite cylindrical shells	O.N.R. session	Mo2.5.4	Session Mo2.5	Monday 25th	12.20 - 12.40
2493	Shuka	Arun	University of Rhode Is	Effect of Plate Curvature on Blast Response of Carbon Composite	O.N.R. session	Mo2.5.2	Session Mo2.5	Monday 25th	11.40 - 12.00
2499	CAMINO	Giovanni	Politecnico di Torino	COMPREHENSIVE METHODOLOGY TO ASSESS THE FLAMMABILITY	T.S. Daniela Tabuani - F	Tu2.3.5	Session Tu2.3	Tuesday 26th	12.40 - 13.00
2500	Camino	Giovanni	Politecnico di Torino	Flammability Assessment for Novel Composite Materials for use ir	T.S. Daniela Tabuani - F	Tu4.3.2	Session Tu4.3	Tuesday 26th	17.10 - 17.30
2501	VIX-GUTERL	Cathie	CNRS - IS2M	Influence of fiber surface properties on the mechanical behaviour	T.S. Interfaces and Inter	We3.13.3	Session We3.13	Wednesday 27th	15.30 - 15.50
2502	Frollini	Elisabete	University of Sao Paul	Adding Value to Brazilian Fibers: Bio-based Matrices Reinforced w	G.S. Bio-based composi	Mo4.1.3	Session Mo4.1	Monday 25th	17.30 - 17.50
2503	Bartolucci	Nadia	University of Bologna	Composites based on poly(butylene succinate) (PBS) and lignocell	G.S. Bio-based composi	Th1.4.3	Session Th1.4	Thursday 28th	9.10 - 9.30
2507	Brodowsky	Hanna	Leibniz-Institut für Pol	Beta-crystallized Interphases in PP-Glass Model Composites	T.S. Interfaces and Inter	We3.13.4	Session We3.13	Wednesday 27th	15.50 - 16.10
2509	Zein	Samih	LMS Samtech	A Primal-Dual Backtracking Method for the Optimization of Blende	G.S. Design of composi	Mo2.4.3	Session Mo2.4	Monday 25th	12.00 - 12.20
2510	Koorevaar	Arjen	Polyworx BV	LIQUID INJECTION MOLDING TECHNOLOGY: PUSHING THE LIMITS, T.S.	T.S. Liquid composite m	Tu1.11.2	Session Tu1.11	Tuesday 26th	8.50 - 9.10
2513	Clegg	Dennis	University of Californ	Bio-mimetic scaffolds for cellular therapies in eye disease and soft	Complex materials for s	We4.3.3	Session We4.3	Wednesday 27th	17.30 - 17.50
2516	Wolska	Anna	Warsaw University of	Fire behavior and thermal stability of flexible polyurethane foams	T.S. Daniela Tabuani - F	Tu3.3.2	Session Tu3.3	Tuesday 26th	15.10 - 15.30
2520	Tapinos	Ilias	National Technical Un	A METHODOLOGY TO CALCULATE MANUFACTURING COSTS OF IN	T.S. Advances in Nanoco	Tu1.6.2	Session Tu1.6	Tuesday 26th	8.50 - 9.10
2523	Boczkowska	Anna	Warsaw University of	Ceramic- elastomer composites with percolation of phases	T.S. Composite materia	Tu3.8.3	Session Tu3.8	Tuesday 26th	15.30 - 15.50
2531	Li	Peifeng	Nanyang Technologics	Constitutive Behaviour of Glass-microballoon Epoxy Syntactic Foa	T.S. Composites under c	Tu2.5.2	Session Tu2.5	Tuesday 26th	11.40 - 12.00
2533	Minghini	Fabio	University of Ferrara	FINITE ELEMENT BUCKLING AND POSTBUCKLING ANALYSIS OF PUI	T.S. Micromechanics an	Mo4.9.2	Session Mo4.9	Monday 25th	17.10 - 17.30
2535	Zelaar-Glatff	Katrin	Technical university o	A new method to measure crazes à€œ the underestimated initiat	T.S. Structural Performa	We1.5.2	Session We1.5	Wednesday 27th	8.50 - 9.10
2536	Wachinger	Georg	EADS - Innovation W	Detection of Contaminations à€œ A Key Aspect for Composite Rep	T.S. Composites repair	We3.7.2	Session We3.7	Wednesday 27th	15.10 - 15.30
2538	CROUZEIX	Laurent	Institut Clément Ader	Study of double step lap composite repairs on CFRP evaluators	T.S. Composites repair	We3.7.3	Session We3.7	Wednesday 27th	15.30 - 15.50
2539	Grunevald	Yves-Henri	Composites, Expertise	On field repair of primary composite structures à€œ stakes and cha	T.S. Composites repair	We3.7.4	Session We3.7	Wednesday 27th	15.50 - 16.10
2540	COLLOMBET	Francis	CLEMENT ADER INSTI	Primary principal composite structure repair with Multi-Instrumer	T.S. Composites repair	We3.7.5	Session We3.7	Wednesday 27th	16.10 - 16.30
2543	Zappalorto	Michele	University of Padova	Fracture toughness enhancements in nanocomposites: a multisca	T.S. Mechanics of nanoc	Tu2.1.2	Session Tu2.1	Tuesday 26th	11.40 - 12.00
2544	Salviato	Marco	University of Padova	A multiscale analytical model to assess nanocomposite fracture to	T.S. Mechanics of nanoc	Tu2.1.3	Session Tu2.1	Tuesday 26th	12.00 - 12.20
2547	Quaresimin	Marino	University of Padova	Damage mechanics in composite materials under multiaxial loadin	T.S. Multiaxial fatigue	We2.5.1	Session We2.5	Wednesday 27th	11.20 - 11.40
2548	Carraro	Paolo Andre	University of Padova	Modelling of crack initiation in composite materials under multia	T.S. Multiaxial fatigue	We2.5.2	Session We2.5	Wednesday 27th	11.40 - 12.00
2549	Talreja	Ramesh	Texas A&M University	Stochastic cracking evolution in multi-directional laminates unde	T.S. Multiaxial fatigue	We2.5.3	Session We2.5	Wednesday 27th	12.00 - 12.20
2550	Rajapakse	Yapa	Office of Naval Resear	An overview of the ONR solid mechanics program	O.N.R. session	Mo2.5.1	Session Mo2.5	Monday 25th	11.20 - 11.40
2551	De Monte	Matthias	Robert Bosch GmbH	Lifetime assessment of plastic parts under creep-rupture loading	T.S. Effect of aggressive	Tu3.4.3	Session Tu3.4	Tuesday 26th	15.30 - 15.50
2552	Vescovi	Luca	Dallara Automobili	Experimental and numerical investigation on the crash behaviour	T.S. Composites for aut	Tu2.8.3	Session Tu2.8	Tuesday 26th	12.00 - 12.20

2553	Manzi	Stefania	Università di Bologna	A preliminary study of physical and mechanical properties of sustainable	T.S. Sustainable Compo	Th2.8.3	Session Th2.8	Thursday 28th	12.00 - 12.20
2554	Sankar	Bhavani	University of Florida	Effects of Architectural Variability on Thermal-Mechanical Propert	T.S. Manufacturing defe	We2.9.1	Session We2.9	Wednesday 27th	11.20 - 11.40
2569	Zallo	Antonio	Avio Spa	EXPLICIT FEM SIMULATION OF VEGA LAUNCH VEHICLE SOLID ROC	T.S. Composite materia	Tu4.5.2	Session Tu4.5	Tuesday 26th	17.10 - 17.30
2571	Linari	Mauro	MSC Software	Composite material simulation	G.S. Applications 1 - Ma	Th2.6.4	Session Th2.6	Thursday 28th	12.20 - 12.40
2574	Thalin	Lennart	DIAB International	Composites in buildings and civil infrastructure	T.S. Composites in civil	Tu2.9.1	Session Tu2.9	Tuesday 26th	11.20 - 11.40
2577	Kozlowski	Marek	Wroclaw University o	Influence of mechanical recycling on PLA/MMT polymer nanocom	G.S. Recycling	We4.10.4	Session We4.10	Wednesday 27th	17.50 - 18.10
2579	Dzenis	Yuris	University of Nebrask	Experimental and Computational Mechanics of High-Performance	T.S. New Nanoscale and	Mo2.12.5	Session Mo2.12	Monday 25th	12.40 - 13.00
2583	Furedi Milhofs	Helga	the Hebrew University	Organic-inorganic composites - from surface coatings to scaffold n	T.S. Organic-inorganic c	Th4.1.1	Session Th4.1	Thursday 28th	16.50 - 17.10
g Presentation					Complex materials for s	We1.3.1	Session We1.3	Wednesday 27th	8.30 - 8.50
bering Daniela					T.S. Daniela Tabuani - F	Tu4.3.3	Session Tu4.3	Tuesday 26th	17.30 - 17.50

Paper ID	Name	Poster Title	Day
53	Dr. Woo Chang Su - Korea Institute of Machinery N	Durability analysis process for vulcanized rubber component	Monday 25th
77	Mr. Vasilakos Sozon - NTUACheemical engineering	In-situ monitoring of the curing of polysiloxane/organoclay nanocompo	Monday 25th
129	Mr. Herbreteau Matthieu - LCTSMechanics	A new push-out procedure for the evaluation of interfacial properties c	Monday 25th
135	Dr. Gueorguiev Gueorgui - Linkoping UniversityIFM	NANOSTRUCTURED FLUORO-CARBIDE (CFx) THIN FILMS: DEPOSITION C	Monday 25th
146	Prof. Kimura Teruo - Kyoto Institute of TechnologyA	Development of Bio-based Composites from Waste Vegetables	Monday 25th
160	Prof. Sumin Kim - Soongsil UniversitySchool of Arch	PCM using paraffin/exfoliated graphite composites as energy saving bu	Monday 25th
178	Prof. Hussainova Irina, Tallinn University of Technol	Toward high temperature tough ceramics	Monday 25th
180	Dr. Pozzi Angela - A-Technology S.p.A.Design	Mechanical properties of woven natural fiber reinforced composites	Monday 25th
220	Mr. Sagara Katsuhiko - Chiba universityGraduate scl	Effect of metal composite on properties of Metal/TiO2-x composite the	Monday 25th
306	Mrs. Ponomareva Alina - ETUChair of Microelectron	Fractal analysis of surfaces comprising hierarchical pore structures	Monday 25th
342	Dr. Jiratumnukul Nantana - Chulalongkorn Universiti	PLA-nanocomposite film for packaging applications	Monday 25th
347	Mr. Had Jiri, CTU in Prague	Fatigue Properties of the Cell 3D Composite Structure by Tension and S	Monday 25th
404	Dr. Karabanova Lyudmyla - Institute of Macromolec	Nanocomposites based on multicomponent polymer matrix and artifici	Monday 25th
418	Dr. Cammarano Aniello - IMASTTechnological Distri	A Study of Adhesion of Silicon Dioxide on Polymeric Substrates	Monday 25th
431	Dr. Varshoe Tabrizy Ali - Islamic Azad UniversityW	Abstract Title (write here)	Monday 25th
432	Khoshgoftar Mohammad Javad Tarbiat Modares Ur	Delamination studying in polymer composites reinforced by glass fiber	Monday 25th
456	Ms. Grayfer Ekaterina - Nikolaev Institute of Inorga	COMPOSITES BASED ON NANOSIZED HIGHLY EXFOLIATED GRAPHITE	Monday 25th
464	Mr. Razali Mohd Zikri - Universiti Kebangsaan Mala	Study the Characteristic of Carbon/TiO2 Nanocomposite for Dye-Sensit	Monday 25th
498	Dr. Kim Kyoung Ju - Seoul National UniversityMater	Microstructure and Bonding Strength of Carbon Nanotubes Directly Gro	Monday 25th
509	Mr. P. M Visakh - Mahatma Gandhi UniversityCentr	Elastomeric nanocomposites: Potential of chitin and cellulose nanocrys	Monday 25th
579	Prof. Oliet Mercedes - University Complutense of M	Study of lignin nanoparticle-reinforced phenolic composite foams form	Monday 25th
669	Trusova Marina National Reasearch Tomsk Polytech	The covalent grafting of organic and biomolecules to carbon surfaces u	Monday 25th
670	Yi Jin Woo, Korea Institute of Materials Science(KIM	Cryogenic thermal expansion and mechanical properties of epoxy resin	Monday 25th
677	Dr. Kim Heesuk - Korea Institute of Science and Tec	Facile preparation of polymer-graphite nanosheets composites with hig	Monday 25th
689	Prof. Polinga Lady Marianne - University of the Phil	Formation and mechanical characterization of single-layered woven ab	Monday 25th
762	Dr. Noda Junji - Yamaguchi universityMechanical er	Development and mechanical properties of open-holed CFRP with non-	Monday 25th
773	Dr. Pana Ioan-Ovidiu - Natl. Inst. for Isotopic and M	Interface charge transfer in polypyrrole coated LSMO magnetic nanopa	Monday 25th
776	Ms. Osorio Lina - Katholieke Universiteit LeuvenDep	MICROSTRUCTURAL ANALYSIS AND MECHANICAL BEHAVIOUR OF BAM	Monday 25th
781	Mrs. Walentowska Judyta - Institute of Natural Fibr	Investigation on microbial resistance of polymer composites containing	Monday 25th
784	Dr. Garcia Martinez Jesus Maria - ICTP/CSICGrupo c	From polymerization wastes to interfacial agents: Atactic polypropylen	Monday 25th
787	Dr. Batog Jolanta - Institute of Natural Fibres Comp	Effect of enzymatic treatment on toxicity of lignocellulosic composites	Monday 25th
803	Dr. Garcia Pardo Santiago - University of A CorunaF	Relationships between electrical, mechanical properties and morpholo	Monday 25th
805	Mr. Rajan Rathish - Tampere University of Technolc	A Study on Surface Modified Flax Yarn and its Adhesion with Polyhydro	Monday 25th
878	Mrs. Ortega Zaida - Universidad de Las Palmas de G	Developments towards a more sustainable rotational moulding proces	Monday 25th
882	Dr. VARGAS Gustavo - University of the Basque Cou	In-plane shear properties of multiscale hybrid f-MWCNTs / long carbon	Monday 25th
884	Dr. Pionteck JÃ¼rgen - Leibniz Institute of Polymer	Percolation phenomena of modified expanded graphites in TPU and PP	Monday 25th
999	Mr. Shirasu Keiichi - Tohoku UniversityFracture and	Abstract Title (Further development of carbon nanotube/alumina comp	Monday 25th
1037	Dr. Zicans Janis - Riga Technical UniversityInstitute	Structure, elastic and electrical properties of polyethylene (PE) / carbor	Monday 25th
1053	Dr. Ouagne Pierre - UniversitÃ© OrleansLaboratoir	Complex shape forming of a new generation of flax woven and non-crit	Monday 25th
1065	Ms. SimÃªes SÃ¢nia - CEMUCDepartamento de Eng	CNT-Al Metal Matrix Nanocomposites	Monday 25th
1096	Prof. Jacek Kaczmar - Politechnika WrocÅ...Ã©Sawsk	Mechanical and Development Properties of Sintered Copper-Alumina C	Monday 25th
1111	Ms. PerinoviÃ¶ Sanja - Faculty of chemistry and tec	Influence of different processing techniques on the thermal properties	Monday 25th
1160	Dr. Yoo Yoon Jong - Korea Institute of Energy Resea	Characteristics of the ceramic sheet hybrid biocomposite	Monday 25th
1170	Lin Xiuyi, Hong Kong University of Science and Tech	Effects of reduction and size of graphene on mechanical and electrical p	Monday 25th
1206	Mrs. Schulze Karola - DLRIstitut of Materials Resea	Properties of thermoplastic Fibre Metal Laminates (FML)	Monday 25th

1334	Dr. Raimondo Marialuigia - Università di Salerno	Electrical, and dynamic mechanical properties of MWCNTs/epoxy composite	Monday 25th
1355	Lipinska Magdalena Technical University of Lodz	The properties of butadiene-acrylonitrile rubber NBR filled with modified	Monday 25th
1390	Mr. Hassani Baygi Ali - Imperial College London	Structural testing and repair procedure of fiberglass composite sections	Monday 25th
1405	Mrs. Schulz Carolin - Technical University Hamburg	On the effect of non-covalent interactions over the dispersion state of carbon	Monday 25th
1435	Dr. Bienias Jaroslaw - Lublin University of Technology	The mechanical properties and failure analysis of selected Fibre Metal Laminates	Monday 25th
1458	Prof. Cho Donghwan - Kumoh National Institute of Technology	Effect of Electron Beam Irradiation on Properties of Poly(lactic acid) and	Monday 25th
1511	Ms. Farrugia Anais - Institut Clement Ader	Ecole des Processus Processing glass-ceramic matrix composites by liquid moulding : characterization	Monday 25th
1515	Mr. Müller Viktor - Karlsruhe Institute of Technology	Multiscale modeling of short-fiber reinforced composites in context of	Monday 25th
1631	Govorcin Bajsic Emi Faculty of chemical engineering	Effect of filler treatment on the thermal properties of composites and	Monday 25th
1632	Dr. Stefan Maria - National Institute for Research and Development	STUDIES ON MAGNETITE AND SEMICONDUCTORS BASED CORE-SHELL NANOCOMPOSITES	Monday 25th
1666	Dr. Varga CSilla - University of Pannonia	Department Application of carbon nanotubes and newly developed coupling agents	Monday 25th
1670	Ms. RABACHE Camille - Ecole Centrale de Paris	Labo Microstructural and mechanical properties of alumina-based composites	Monday 25th
1692	Ms. tabashi sara - Islamic Azad University	science and Research Viscoelastic Properties of Biodegradable Cellulose Diacetate Nanocomposites	Monday 25th
1712	Ms. Garmeaeva Darima - North-Eastern Federal University	Developing of medical materials on the basis of biological polymers	Monday 25th
1725	Mrs. BEN KHLIFA SANA - Ecole Nationale d'Ingenieur	THE INFLUENCE OF MORPHOLOGY AND TOPOLOGY OF REINFORCEMENT	Monday 25th
1745	Dr. Romana Piat - Karlsruhe Institute of Technology	Modeling of the elastic response and structural optimization of carbon nanotube	Monday 25th
1760	Prof. Chen Jieng-Chiang - Vanung University	Graduate FABRICATION AND MECHANICAL PROPERTIES OF 3D JUTE FABRICS REINFORCED	Monday 25th
1765	Prof. Min Byung-Gil - Kumoh National Institute of Technology	Preparation and Antibacterial Properties of Organic-Inorganic Polymer	Monday 25th
1778	Mrs. Pandele Andreea Madalina - University Politehnica	A Molecular Modelling approach for designing poly(vinyl-alcohol)-Chitosan	Monday 25th
1833	Mrs. Molins Gemma - Universitat Politecnica de Catalunya	CHICKEN FEATHERS BASED COMPOSITES: A LIFE CYCLE ASSESSMENT	Monday 25th
1841	Mrs. Andronesco Corina - University POLITEHNICA	SYNTHESIS OF A NEW BENZOXAZINE MONOMER FOR MMT/POLYBENZOXAZINE	Monday 25th
1890	Mr. Giang Bach Long - Pukyong National University	A Facile Synthesis and Characterization of PHEMA Anchored Hydroxyapatite	Monday 25th
1904	Prof. MARTINEZ-MATEO ISIDORO - UNIVERSIDAD DE	Study of the injection flow of glass fiber reinforced PBT and its influence	Monday 25th
1905	Ms. Cruz Santos Joyce Cristina - UFMG	Metallurgica Biohybrid Nanocomposites Based on PVA/Carbon Nanotubes Bioconjugates	Monday 25th
1921	Dr. Mezghani Khaled - King Fahd University of Petroleum	Effect of CNT on the Mechanical Properties of Melt Spun PET/CNT Nanocomposites	Monday 25th
1929	Mr. Dias Gustavo - Universidade Estadual de Maringa	Fast Sintered BiFeO3 Single-Phased Ceramics	Monday 25th
1930	Dr. Trapalis Christos - NCSR Demokritos	Institute of Activation of Few Layer Graphene Towards High Surface Area Carbon Based	Monday 25th
1933	Dr. Dragoi Cristina - National Institute of Materials	Characterization of Multiferroic behavior on symmetric and nonsymmetric heterostructure	Monday 25th
1983	Ms. Lombardo Patricia - Universidade de Sao Paulo	Photodegradation and Characterization of Poly(ethylene oxide) / Montmorillonite	Monday 25th
1997	Mr. Silveira Luiz Gustavo - Universidade Estadual de	Maracana HR-TEM investigations in advanced BiFeO3-PbTiO3 multiferroic multifunctional	Monday 25th
2003	Mr. IOANNOU IOANNIS - UNIVERSITY OF SHEFFIELD	Numerical Characterization of Random Glass Fibre Composite Material	Monday 25th
2091	Mr. Mosavi Amir - University of Debrecen, Faculty	of Engineering Multiple criteria decision making for material selection of composites; case study	Monday 25th
2112	Dr. Amendola Eugenio - CNR-Italy's National Center	for Composite Materials Silicone Resins filled with alumina nanoparticles for impregnation of	Monday 25th
2143	Dr. Yang Zhihua - Harbin Institute of Technology	Institute of Microstructure and Electroconductivity of TiN-Al2O3 Composites Preparation	Monday 25th
2145	Mr. Shengjin Wang - Harbin institute of technology	Effect of h-BN on the mechanical and dielectric properties of porous h-BN	Monday 25th
2154	Dr. Carvalho Maria Gabriela - UFMG	Occupational Technology NANOMODIFIED MATERIAL TO ORTHESIS MANUFACTURING	Monday 25th
2155	Mr. Hasanuzzaman Muhammad - Dublin City University	Development of Alkali resistant controlled pore Glass	Monday 25th
2181	Dr. Lee Sang-Soo - KIST	Nanohybrid Research Center Graphene-wrapped electroconductive hybrid spheres	Monday 25th
2223	Mr. Sadiq Imran - Beihang University	Materials Science Estimation of interfacial properties of various carbon fiber epoxy composite	Monday 25th
2225	Dr. Rashkovan Izabella - UVICOM Co.Ltd	composite How do nanoparticles influence on physical-mechanical properties of	Monday 25th
2234	Ms. omar Azimah - Universiti Kebangsaan Malaysia	Electron Transport inside Nanoporous ZnO-Based Dye-Sensitized Solar Cells	Monday 25th
2294	Mr. Lim Jae Kyoo - CHO-NBUK NATIONAL UNIVERSITY	Study on Corrosion Protection and Conductive Nanocomposite Layers (Carbon Nanotubes)	Monday 25th
2296	Ms. Jo Mi-Yeong - Inha University	Polymer Science Preparation and Applicability of EVOH/TiO2 Nanocomposites Prepared	Monday 25th
2299	Ms. Jo Mi-Yeong - Inha University	Polymer Science Morphology and Mechanical Properties of urethane link polydimethylsiloxane	Monday 25th
2324	Mr. T Gobi Kannan - Feng Chia University	Fiber and A study on the open hole tension of the unidirectional flax fiber reinforced	Monday 25th
2335	Ms. Iturrondobetia Mainer - EUITB, University of	Bilbao RELEVANCE OF PROCESSING PARAMETERS AND STRUCTURE OF LAYERED	Monday 25th

2342	Mrs. Piekarska Klaudia - The Centre of Molecular and Macromolecular Chemistry	Preparation and properties of PLA nanocomposites with inorganic nanofillers	Monday 25th
2353	Mrs. Parveen Shama - University of Minho, Campus of Braga	Mechanical Behaviour of Natural Fibre Reinforced Thermoplastic Braided Composites	Monday 25th
2365	Mr. Amini Hossein, Islamic Azad University	The role of silicon doped carbon powder on the formation of SiC whiskers	Monday 25th
2397	Prof. YOSHIKAWA MASATAKA - OSAKA DENTAL UNIVERSITY	Hard tissue formation in sponges by bone marrow cells suspended in a hydrogel	Monday 25th
2404	Dr. Kuscer Danjela - Jožef Stefan Institute	Electrochromic-polymer composites processed by ink-jet printing technology	Monday 25th
2405	Ms. Grala Magdalena - Centre of Molecular and Macromolecular Chemistry	Polyolefins - Polyhedral Oligomeric Silsesquioxanes (POSS) Nanocomposites	Monday 25th
2428	Dr. Jerzy Myalski - Silesian University of Technology	Microstructure of the magnesium alloy ZRE1-glassy carbon composite interface	Monday 25th
2471	Prof. Esteves Jose Luis - INEGI-Institute of Mechanical Engineering	Experimental and Numerical Characterization of Composite Materials Under Impact	Monday 25th
2504	Prof. Frollini Elisabete - University of Sao Paulo	Macromolecular Composites: BIOPOLYETHYLENE/CURAUVA FIBER COMPOSITES	Monday 25th
2505	Prof. Frollini Elisabete - University of Sao Paulo	Macromolecular Composites based on recycled poly (ethylene terephthalate) (PET) and carbon fibers	Monday 25th
2514	Dr. Pilan Luisa - University Politehnica of Bucharest	Supercapacitance of Single-Walled Carbon Nanotube-Polyaniline Composites	Monday 25th
2518	Mrs. Salasinska Kamila - Warsaw University of Technology	Natural fiber composites from polyethylene waste and walnut shell	Monday 25th
2525	Mrs. Chabera Paulina - Warsaw University of Technology	Effect of the coupling agent on the adhesion of phases in ceramic-elastomer composites	Monday 25th
2558	Mr. Seo Hyeon Myeong - University of Ulsan	Chemical Functionalized graphene stably dispersible in water and poly(vinyl alcohol) hydrogels	Monday 25th
2566	Prof. goulbourne nakhiah - university of michigan	High Strain Response and Deformation Mechanisms in Kinking Nonlinear Polymers	Monday 25th
2567	Dr. Hargitai Hajnalka - Széchenyi István University	Development of nanoclay reinforced PA6/HDPE nanocomposites	Monday 25th
2570	Mrs. LI WEIKANG - ECOLE CENTRE DE PARIS	Laboratory of Mechanics: IN-SITU SENSING OF ELASTIC AND PLASTIC DEFORMATION BEHAVIOR OF POLYMER COMPOSITES	Monday 25th
46	Prof. Chiang Chin-lung - Hungkuang University	Department of Mechanical Engineering: Preparation, thermal stability and flame retardant properties of halogen-free polyimide composites	Tuesday 26th
47	Prof. Hwu Chyanbin - National Cheng Kung University	Fracture Parameters for the Multi-material Interface Corners	Tuesday 26th
85	Ms. Phulkard Panitha - Japan Advanced Institute of Science and Technology	Mechanical Properties of Injection-Molded Polypropylene with Plywood	Monday 25th
86	Prof. Yamaguchi Masayuki - Japan Advanced Institute of Science and Technology	Novel Material Design of Immiscible Polymer Blends with Localized Dispersions	Monday 25th
130	Mr. Anakabe Jon - LEARTIKER Materials dept.	Effects of the processing conditions and maleation on the properties of polypropylene	Tuesday 26th
154	Dr. Rodriguez Elena - AIMEN TECHNOLOGY CENTER	Crack repair of steel vessels with bonded composite patches: damage characterization	Tuesday 26th
166	Mr. Maillet Emmanuel - INSA-Lyon	MATEIS: Rupture time prediction of ceramic matrix composites in fatigue using a probabilistic approach	Tuesday 26th
183	Mr. Spickenheuer Axel - Leibniz-Institut für Polymerforschung	Carbon fiber reinforcement of wooden parts with small cross sections: mechanical properties	Tuesday 26th
200	Dr. Yokota Rikio - Japan Aerospace Exploration Agency	Novel Asymmetric Addition-type Imide Resins for High Temperature Composites	Tuesday 26th
209	Mr. ROUAULT Thomas - Institut Clement Ader	MSC: A bundle-scale model of propagation of a through-the-thickness notch	Tuesday 26th
227	Dr. Moisés Frías Rojas - Eduardo Torroja Institute of Construction Sciences	The combined effect of activated paper sludge and fly ash on the ternary composites	Tuesday 26th
296	Mr. Voltsihhin Nikolai - Tallinn University of Technology	Optimization of WC-Ni-ZrO2 structure	Tuesday 26th
299	Mr. Allaer Klaas - Ghent University	Department of Materials: Assessment of the infrared welding process for a carbon fabric reinforced composite	Tuesday 26th
305	Dr. Lascoup Bertrand - ESTACA	Structure and Materials: Acoustic emission approach to quantify damage evolution	Tuesday 26th
310	Prof. Zucchelli Andrea - University of Bologna	Mechanics: LOCALIZATION AND LENGTH ESTIMATION OF DELAMINATION IN COMPOSITES	Tuesday 26th
319	Ms. Bugris Valeria - University of Szeged	Department of Chemistry: Polyacrylate-CaFe layered double hydroxide nanocomposites - structural characterization	Tuesday 26th
353	Ms. Resende Juliana - UniFOAMEMAT	Morphological and Mechanical Properties of Pineapple-Glass Fibres/Polyurethane Composites	Tuesday 26th
354	Dr. Mulinari Daniella - UERJ	DME: Mechanical Behavior of Hybrid Composites with Synthetic and Natural Fibers	Tuesday 26th
375	Dr. Kotzev Georgi - Institute of Mechanics	Polymer Composites: ELECTRICAL PROPERTIES OF FOAMED POLYPROPYLENE/CARBON BLACK COMPOSITES	Tuesday 26th
376	Mrs. Bessard Emeline - Institut Clement Ader	Composites: Modelling of Isothermal and anisothermal crystallization of PEEK matrix	Tuesday 26th
377	Dr. Zhou Heng - Institute of Chemistry, Chinese Academy of Sciences	Study on one Phthalonitrile resin system suitable for RTM process	Tuesday 26th
405	Mr. Zhao Jie - University of Twente	Faculty of Engineering: Development of a high performance composite with benzoxazine/phenolic resin	Tuesday 26th
411	Mrs. Brunotte Gabriella-Paula - Clausthal University of Technology	Synthesis and Processing of Soft Magnetic Thermoplast-Nano@Microcomposites	Tuesday 26th
430	Dr. Drozd Zdenek - Charles University in Prague, Faculty of Science	Temperature Deformation of the AX41 Saffil Fibre Composites studied by X-ray diffraction	Tuesday 26th
474	Postnikov Pavel Tomsk polytechnic university	The new method of covalent grafting of organic functional groups on the surface of carbon nanotubes	Tuesday 26th
501	Dr. Kromm Francois-Xavier - Université de Bordeaux	Manufacturing process and characterisation of C/C large diameter filamentary composites	Tuesday 26th
504	Ms. Kyung min Oh - University of Ulsan	Chemistry: Graphene modified by alcohols and their nanocomposites of shape memory	Tuesday 26th
528	Ms. Han Su Jin - University of Ulsan	Chemistry: Shape memory polyurethane nanocomposites of functionalized graphene	Tuesday 26th
529	Mr. Na Wonjin - Seoul National University	Department of Materials: In-situ Damage Monitoring of Textile Composites Using X-ray Computed Tomography	Tuesday 26th

543	Mr. Bin Bahari Shahril Anuar - Universiti Teknologi Malaysia	Hardness and Frictional Resistivity of Cocopeat (Cocos Nucifera)-Polymer	Tuesday 26th
548	Mr. tableau nicolas - de Technologie de Compiègne	Contribution to the experimental measurement of in plane and out of plane	Tuesday 26th
563	Dr. Rudawska Anna - Lublin University of Technology	The bonded joints strength of aramid/epoxy and graphitic/epoxy composites	Tuesday 26th
568	Mr. Molnar Kolos - Budapest University of Technology and Economics	Development of continuous electrospun precursors for carbon fiber mat	Tuesday 26th
584	Dr. Rentsch Ruediger - IWTManufacturing Technology Center	Surface integrity of machined CFRP structures	Tuesday 26th
599	Dr. Barbero Enrique - University Carlos III of Madrid	Influence of out-of-plane stresses on failure prediction of composite beams	Tuesday 26th
640	Ms. Munzarová Pavlína - Technical university of Brno	Composite materials with different fibers and matrixes	Tuesday 26th
667	Mr. Kim Hyungmin - Seoul National UniversityDepartment of Chemistry	Enhanced thermally conductive composites based on polyphenylene sulfide	Tuesday 26th
695	Ms. Olave Mireia - IKERLAN Mechanical Department	Modeling of nesting effect on the delaminated surface for woven structures	Tuesday 26th
737	Mr. Soni Ganesh - IITB-Monash Research Academy	Prediction of composite laminate failure via a Multilayered Representation	Tuesday 26th
740	Prof. Yoon Juil - Hansung UniversityMechanical System	Evaluation of the effective thermal Properties of Metal-Matrix Composites	Tuesday 26th
767	Dr. Fischer Fabian - Institute for Joining and Welding	Pre-treatment of CFRP for adhesive bonding using laser radiation	Tuesday 26th
771	Mrs. Strojny-Nedza Agata - Institute of Electronic Materials	Abstract TitleThe relationship between obtaining technique and morphology	Tuesday 26th
830	Ms. Berriozabal Eudene - TeknikerTribology unit	CHARACTERIZATION OF PTFE COMPOSITES THROUGH THE STUDY OF DELAMINATION	Tuesday 26th
906	Dr. Fischer Fabian - Institute for Joining and Welding	Investigation of behavior of butt-jointed composite sandwich structures	Tuesday 26th
961	Mr. MATEOS Modesto - Mondragon Unibertsitatea	HYSTERETIC BEHAVIOUR OF FIBRE-REINFORCED COMPOSITES	Tuesday 26th
966	Mr. Zabala Haritz - Mondragon Goi Eskola Politeknikoa	Effects of the velocity in the delamination of carbon-epoxy plates subjected	Tuesday 26th
994	Mr. Escalá Laurent - Institut Clément AderEcole Centrale de Nantes	Comparison of the impact resistance of carbon/epoxy and carbon/PEEK	Tuesday 26th
1014	Mrs. Kotelnikova-Weiler Natalia, UR Navier	Kinetic of fiber ruptures in a unidirectional composite with a viscoelastic	Tuesday 26th
1085	Mr. Ryo Morinaga - Kyoto institute of technologyAcademy	Design of Braided fabrics considering internal structure	Tuesday 26th
1091	Dr. Debski Hubert - Lublin University of Technology	BUCKLING AND POSTBUCKLING NUMERICAL ANALYSIS OF THIN-WALLED	Tuesday 26th
1095	Mr. Patsidis Anastasios - University of PatrasDepartment of Chemistry	Conductivity and Dielectric Response in Poly(ethylene oxide) ˆ€	Tuesday 26th
1117	Mr. Tretiakov Mikhail - Perm National Research Polytechnic University	The postcritical deformation stage and non-local failure conditions	Tuesday 26th
1119	Prof. Surowska Barbara - Lublin University of Technology	Fatigue of unidirectional carbon fiber reinforced epoxy composites	Tuesday 26th
1126	Mrs. Tretiakova Tatiana - State National Research Polytechnic University	Experimental investigation of space-time inhomogeneity at elasto-plastic	Tuesday 26th
1138	Mr. LE GOFF Erwann - I2MIMC	Bushing hole reinforcement on joined composite structural part using epoxy	Tuesday 26th
1145	Prof. Borrego Luis - CEMUCMechanical Engineering	ASSESSMENT OF THE FATIGUE BEHAVIOUR ON NANOFILLED EPOXY COMPOSITES	Tuesday 26th
1168	Mrs. Abisset Emmanuelle - LMT CachanStructure	On the intra/interlaminar coupling of laminated composites	Tuesday 26th
1224	Mr. Lobanov Dmitriy - PSTU SNRPUPCenter of Experimental Mechanics	Deformation and fracture of fibrous polymer composites in thermo-mechanical	Tuesday 26th
1270	Prof. Oh Tae hwan - Yeungnam UniversityDepartment of Chemistry	Preparation of Syndiotactic Poly(vinyl alcohol) Nanocomposite with Zinc	Tuesday 26th
1306	Mr.Thanh Binh Mai, Pukyong National University	CHEMICAL MODIFICATION OF Al2O3 NANOPARTICLES BY PMMA VIA ATRP	Tuesday 26th
1315	Mr. Kadlec Martin - Czech Technical University in Prague	Fractographic analysis of the interlaminar shear failure in a carbon fiber	Tuesday 26th
1341	Prof. Oishi Tsutomu - Yamaguchi UniversityApplied Chemistry	Synthesis and Characterization of Polymer Composite from ABS Resin and	Tuesday 26th
1381	Prof. Zhang Ya-fang - GuangZhou UniversityCivil Engineering	Numerical Study on Single Fiber Pull-out Test for Fiber Reinforced Concrete	Tuesday 26th
1397	Mr. Lerpiniere Achille - UR-Navier Ecole des pontsSorbonne University	2D-Modelling of delamination in impacted multi-layer plates	Tuesday 26th
1426	Prof. Chao Ching-Kong - National Taiwan University	Thermal stresses in a nonuniformly coated circular inclusion	Tuesday 26th
1438	Mr. NAOKI YAMAMOTO - IHI CorporationResearch Center	Prediction of Mode-I Delamination Growth for the Multidirectional Laminates	Tuesday 26th
1469	Mr. Sodhani Deepanshu - Institute of Applied Mechanics	Finite element modeling of filler reinforced polymers	Tuesday 26th
1504	Dr. Scheider Ingo - Helmholtz-Zentrum Geesthacht	Size effect in the damage behaviour of short fibre reinforced composite	Tuesday 26th
1544	Ms. Karolina Gaska - AGH University of Science and Technology	A study of thermal conductivity of boron-nitride epoxy-matrix composites	Tuesday 26th
1563	Prof. El Fray Mirosława - West Pomeranian University	Mechanical hysteresis loop method for creep assessment of elastomeric	Tuesday 26th
1566	Mr. Pavkovic Krunoslav - Polytechnic of ZagrebDepartment of Wood Technology	LOCALLY REINFORCED LAMINATED TIMBER WITH GLASS FIBER GLUED-IN	Tuesday 26th
1634	Ms.Masek Anna, Technical University of Lodz,	Influence of flavonoids and aminoacids on the stabilization of polymers	Tuesday 26th
1648	Prof.Tong Jingwei, University of Tianjin	APPLICATION OF CARRIER-ESPI FOR MEASUREMENT OF OUT OF PLANE	Tuesday 26th
1653	Dr. Josep Costa - Universitat de GironaAMADE	Study of adherent conditioning on the fracture toughness of bonded joints	Tuesday 26th
1661	Ms. Lpez Laura - University of ZaragozaChemical Engineering	PCL/MCM-41 nanocomposites prepared by ˆ€in situˆ€ polymerization	Tuesday 26th

1701	Prof. Chan Wen - University of Texas at ArlingtonM	Modeling for Composite Structures by Finite Element Method	Tuesday 26th
1794	Mr. Bin Mohamed Rehan Muhammad Saifuddin - IS	Effects of fiber orientation on the mode I crack propagation in a multid	Tuesday 26th
1822	Mrs. Kovalevskaya Olga - Siberian Federal Universit	POLYMER COMPOSITE MATERIALS BASED ON ULTRA HIGH MOLECULA	Tuesday 26th
1863	Mr. Å liseris Janis - Riga Technical UniversityCivil en	A new design method of orthotropic flexural plate with variable in-plan	Tuesday 26th
1864	Ms. Boyina Dhatreyi - Indian Institute of Technolog	Suitability of cruciform specimens for characterizing bi-axial behaviour	Tuesday 26th
1922	Mr. Pastuszak Przemyslaw - Cracow University of Te	PREDICTION OF SUBSURFACE DEFECTS THROUGH A PULSE THRMOGRA	Tuesday 26th
1934	Mr. KOC Murat - Yildiz Technical UniversityMechan	FAILURE BEHAVIOR OF FIBER REINFORCED LAMINATED COMPOSITE PL	Tuesday 26th
1937	Ms. Lang Anna - Faserinstitut Bremen e.V.Composit	Experimental Investigation of Fibre Pretension on Miniaturised Loop Co	Tuesday 26th
1960	Mrs. kavrar deniz - istanbul techical universityfacult	Production and Mechanical Testing of an Unmanned Helicopter Tail Co	Tuesday 26th
1970	Dr. StÃ¼bler Nacera - University TU-ClusthallInstitut	Abstract Title (Electrical and mechanical properties of graphite-based p	Tuesday 26th
2035	Mr. Santos Alberto - Faculty of Engineering, FEG/UI	Production of Thermoplastic Composites from Carbon Fibers Treated b	Tuesday 26th
2053	Dr. Ionita Mariana - University Politehnica of Bucha	Well-dispersed single-walled carbon nanotube/ polypyrrole composite	Tuesday 26th
2060	Dr. von Bestenbostel Wolfgang - EADSInnovation W	Fatigue crack growth and reinforcement structure	Tuesday 26th
2123	Mr. Wong King Jye - Universite de BourgogneDepar	NUMERICAL SIMULATION OF MODE I DELAMINATION BEHAVIOUR OF	Tuesday 26th
2151	Mr. Kmetty Ákos - Budapest University of Technolog	Tensile and flexural creep behavior of self-reinforced polypropylene co	Tuesday 26th
2160	Prof. Sheen Jyh - National Formosa UniversityDepar	Microwave Measurements of Dielectric Constants From Composite Sar	Tuesday 26th
2200	Mr. Reiter Martin - Johannes Kepler University Linz	Micromechanical simulation of the failure behavior of short fiber reinfc	Tuesday 26th
2232	Dr. Mohammadi Bijan - Iran University of Science a	Edge Delamination Prediction in Laminated Composite Materials Basec	Tuesday 26th
2334	Dr. Mohammadi Bijan - Iran University of Science a	Effects of Edge Delamination Onset and Growth on the Post Buckling B	Tuesday 26th
2339	Dr. Tamas Barany - Budapest University of Technol	Fracture and failure behavior of self-reinforced poly(ethylene terephth	Tuesday 26th
2359	Mr. Mohebbi Behzad - Tabriz UniversityMechanical	Delamination Detection in Composite Beam Using Modified AIS Algorit	Tuesday 26th
2438	Dr. KHELLIL KAMEL - Univesity of technology of Con	Mechanical behavior of stiffened panel composite loaded in four-point	Tuesday 26th
2448	Mr. AKHAVAN HAMED - IDMECFaculdade de Engen	Large deflection and stresses in the variable stiffness composite lamina	Tuesday 26th
2490	Mr. Pereira Paulo - UnespMaterials and Technology	AbstractPreparation and characterization mechanical and thermal prop	Tuesday 26th
2519	Mrs. Auguscik Monika - Warsaw University of Techn	MATRIX SELECTION FOR UREURETHANE/BIOGLASS COMPOSITES IN	Tuesday 26th
2534	Prof. Chun Heoung-Jae - Yonsei UniversitySchool of	Study of determine design variable with loading condition for composi	Tuesday 26th
2542	Ms. BOUTALEB Sabrina - Djillali Liabes University of	Composite materials containing biodegradable polymers - Rheological l	Tuesday 26th
2546	Mr. Florio Massimiliano - University of PadovaDepa	Mixed mode fracture and notch thougness of claymodified epoxy resin	Tuesday 26th
2562	Mr. Hensen Guido - DSM Ahead Materials Sciences	New high performance unsaturated polyester resins	Tuesday 26th
2573	Dr. CASALEGNO VALENTINA - POLITECNICO DI TOR	Pressure-less joining of ceramic matrix composites	Tuesday 26th
2575	Dr. Makarenko Irina - Moscow State UniversityFacu	SIMULATION OF THERMOPHYSICAL PROCESSES IN COMPOSITE PRODU	Tuesday 26th
2576	Mr. Babkin Alexander - Moscow State Universityche	MECHANICAL PROPERTIES OF SILTEM MODIFIED BISMALEIMIDE RESIN	Tuesday 26th
2581	Maragoni Lucio, University of Padova	Influence of the stress ratio on the multiaxial fatigue behaviour of glass	Tuesday 26th
52	Mrs. Azman Nur Jannah - University Kebangsaan M	Preparation of Bi(Pb)-Sr-Ca-Cu-O Superconductor with Nano Co3O4 Ad	Wednesday ٢٦
87	Prof. LEE JUNGYOON - Sungkyunkwan UniversityDe	Bond Behavior of GFRP Bars Embedded in Fiber Reinforced Concrete	Wednesday ٢٦
89	Mr. Kaina Steffen - TU Dresdenmaterial science	Textile based metal sandwiches and metal-matrix-composites reinforce	Wednesday ٢٦
92	Dr. Lee Jung-Moo - Korea Institute of Materials Scie	Fabrication of in-situ Al/TiC composites in liquid aluminum by thermal	Wednesday ٢٦
151	Dr. ALMERICH-CHULIA ANA - UNIVERSIDAD POLITE	NEW GFRP BARS AS INTERNAL REINFORCEMENT IN CONCRETE STRUCT	Wednesday ٢٦
176	Mr. BabiÅ Matej - Emo-Orodjarna d.o.o./	Fractal dimension nanostructure of point robot laser hardened materi	Wednesday ٢٦
219	Prof. Lu Yun - Chiba universityDepartment of mech	Fabrication and photocatalytic activity of TiO2 composite photocatalyst	Wednesday ٢٦
233	Dr. Ballesteros Yolanda - Universidad Pontificia Con	Application of acoustic NDT method to detect damage on composite s	Wednesday ٢٦
254	Prof. Rebillat Francis - University Bordeaux 1Labora	Introduction of rare earth elements to replace silicon in the usual comp	Wednesday ٢٦
284	Mr. Jeong Kwang Jin - Changwon National Universit	Synthesis and Characterization of Tb doped SiO2 Thin Film by Sol-Gel P	Wednesday ٢٦
285	Mr. Caratin Reinaldo - IPEN-CNEN/SPCCN	Analysis of fiber-concrete interface in cement matrix composites	Wednesday ٢٦
287	Dr. Cho GueSerb - Korea Institutue of Industrial Tec	Fabrication of CNT-reinforced Aluminum Matrix Composite Rod by Hyd	Wednesday ٢٦
325	Prof. bouvet christophe - ISAEDMSM	Abstract Title (write here)	Wednesday ٢٦

372	Mr. SÁnchez-Heres Luis Felipe - Chalmers University of Technology	Effects of matrix cracking on the safety of fibre reinforced composites	Wednesday
417	Mr. Aruniit Aare - Tallinn University of Technology	Chemical resistance factors of particulate filled polymer composite	Wednesday
437	Prof. Silva Joao - ISEP Mechanical Engineering	Filament wound products made with thermoplastic matrix towpregs	Wednesday
438	Prof. Nunes Joao Pedro - Minho University	Polymer Processing of continuous fibre reinforced thermoplastics	Wednesday
561	Mr. Blom Johan - Vrije Universiteit Brussel	MeMC DETERMINATION OF MATERIAL PARAMETERS OF A TEXTILE REINFORCED	Wednesday
572	Mr. Moothoo Julien - Laboratoire PRISME	MMH Impact of uptake behaviour on tensile properties of flax fibre reinforced	Wednesday
597	Mr. POU MADERE Thomas - Institut Clément Ader	Influence of manufacturing process on mechanical properties of discontinuous	Wednesday
607	Dr. Ramos Juan I. - Universidad de Malaga	Escuela de Ingenieros de Caminos, Canales y Puertos Drawing of compound polymeric fibers	Wednesday
644	Mr. KANAZAWA Kazuya - Doshisha University	Department of Applied Chemistry Formability Evaluation of Non-Crimp Carbon Fabrics	Wednesday
645	Ms. Ji Yeongmi - Pohang University of Science and Technology	Abstract Title (Effect of bonding geometry on strength of adhesive joints)	Wednesday
653	Dr. Lee Sang-Bok - Korea Institute of Materials Science	FABRICATION OF NANO CARBONS REINFORCED METAL MATRIX COMPOSITES	Wednesday
674	Prof. Han Jun Hyun - Chungnam National University	Wear characterization of CNF/Al composites fabricated by liquid processing	Wednesday
679	Dr. Jeong Ha-Guk - Korea Institute of Industrial Technology	Growth Behavior of Cu/Al Intermetallic Compounds by a Multi-pass of	Wednesday
755	Mr. Sbarufatti Claudio - Politecnico di Milano	Mechanics SHM application on sandwich panels with Nomex honeycomb core and	Wednesday
817	Dr. Bryantsev Pavel - National University of Science and Technology	Formation of microstructure of Al-Cu-Fe alloy with quasicrystalline phase	Wednesday
863	Mr. Gussone Joachim - German Aerospace Center	Leibniz Institute for Applied Materials Tensile properties and microstructure of SiC fibre reinforced multi metal	Wednesday
871	Mr. Suarez Luis - Universidad de Las Palmas de Gran Canaria	Use of banana fibre in injection "€" moulded parts for the automotive	Wednesday
877	Prof. Iwasaki Atsushi - Gunma University	Mechanics Estimation of the probability of critical damage using bayesian theorem	Wednesday
898	Mr. Nielsen Michael Wenani - Technical University of Denmark	Experimental determination and numerical modelling of process induced	Wednesday
938	Mr. Bilge Kaan - Sabanci University	Materials Science Effect of TEX on the strength and failure envelopes for non-crimp glass	Wednesday
991	Mr. Martin Antoine - Ecole Centrale de Nantes	GeM Thermoplastic composite shock absorber simulation	Wednesday
1007	Mr. Arakama Jon Ander - Mondragon Unibertsitatea	Effects of the configuration of the SMA based FML on morphing behavior	Wednesday
1035	Mr. Tena losu - Mondragon Unibertsitatea	Department of Mechanical Engineering Effect of thickness on the interfacial strength of layer by layer in situ UV	Wednesday
1036	Prof. Cerny Frantisek - Czech Technical University in Prague	Thin film carbon and nitrogen based nanocomposites on Ti6Al4V alloy	Wednesday
1038	Mr. Orban Richard - Eotvos Lorand University	Mineral Preparation and characterization of an aluminum diboride "€" alloy	Wednesday
1070	Ms. Baser Gulnur - ITU, Institute of Science, Technology and Design	Polymers Investigation of the strength and failure envelopes of non-crimp glass fiber	Wednesday
1103	Mr. Maenz Stefan - Friedrich Schiller University Jena	Microwave Curing of RTM Produced Polymer Matrix Composites	Wednesday
1116	Prof. Makhlof Makhlof - Worcester Polytechnic Institute	In-situ Manufacturing of Aluminum-Aluminum Nitride Castable Nanocomposites	Wednesday
1144	Prof. Costa Luís Cadillon - University of Aveiro	Physics Dielectric properties of carbon black copolymer	Wednesday
1166	Prof. Toribio Jesus - University of Salamanca	Materials Science INFLUENCE OF REINFORCEMENT GEOMETRY ON THE ELASTIC BEHAVIOR	Wednesday
1176	Mr. KIM HYUNBUM - Yamaguchi University	Graduate School of Science and Technology A new method for continuous production of ramie yarn reinforced composite	Wednesday
1178	Dr. Takeda Shin-ichi - Japan Aerospace Exploration Agency	Influence of absorbed water in CFRP laminates on embedded FBG sensors	Wednesday
1179	Prof. Krasnikovs Andrejs - Riga Technical University	PULL-OUT MICRO-MECHANISM FOR FIBERS IN CONCRETE	Wednesday
1218	Prof. Tong Lili - Harbin Engineering University	Aerospace Computational fluid dynamics simulation for wind pressure of composite	Wednesday
1277	Prof. XU Ying - Harbin Institute of Technology	Shenzhen 3D Delamination patch detection in laminate composites with an novel	Wednesday
1298	Mr. Nash Pete - Loughborough University	Aeronautics Investigation of in-plane compressive behaviour in unsymmetrical composite	Wednesday
1304	Prof. Kawada Hiroyuki	Off-Axis Properties of Woven GFRP under Constant Tensile Load in Hydro	Wednesday
1319	Ms. CHAPALAIN Flora - Ifsttar	MACS Flexural behavior of smart composite materials - Effects on FBGs signals	Wednesday
1324	Prof. ZAOUTSOS STEFANOS - TECHNOLOGICAL EDUCATIONAL INSTITUTION OF ATHENS	Durability Analysis of MWNT Nanocomposites through Dynamic Mechanical	Wednesday
1345	Mr. Taudt Christopher - University of Applied Sciences	Interlaminar photoelastic health monitoring of adhesive joints and composites	Wednesday
1354	Ms. Zang Lin	Microwave-assisted Homopolymerization of Epoxy Resins and their thermal	Wednesday
1402	Dr. Chluda Cláudio - UMONS	Electromagnetism Temperature and strain effects discrimination into composite materials	Wednesday
1460	Mr. Batalu Dan - Politehnica University of Bucharest	Influence of addition powders with different morphology to MgB ₂ superconductor	Wednesday
1543	Mr. Cioffi Salvatore - CNR Institute for Composite and Composite Structures	Polyester based nanocomposites as matrix for lightweight reinforced composites	Wednesday
1546	Mr. D'Auria Marco - Università degli Studi Federico II	Improving Micro-CT accuracy on feature extraction through image upsampling	Wednesday
1585	Mr. Dáaz Enrique - AIMPLAS	Composites Microwave curing of long fibre reinforced composites in an open anterior	Wednesday

1595	Figiel Pawel - West Pomeranian University of Tech	SYNTHESIS OF CERAMICS BY SOL - GEL METHOD IN MOLYBDENUM, SIL	Wednesday 🇷🇺
1614	Prof. Nikolay Kuznetsov - N,S.Kurnakov Institute of	SYNTHESIS OF FINE-DISPERSED YTTRIUM-ALUMINUM GARNET AI5Y3O	Wednesday 🇷🇺
1617	Dr. BORRIELLO ANNA - National Research Council o	Fireproof Silicone sealants for shipbuilding	Wednesday 🇷🇺
1664	Dr. Giorgini Loris - University of BolognaChimica Inc	Thick carbon fibre reinforced composite materials: investigation of an i	Wednesday 🇷🇺
1690	Mr. ZHANG Han - Queen Mary, University of Londo	Damage Sensing in Carbon Fibre Composites using Carbon Nanotube N	Wednesday 🇷🇺
1728	Mr. GÃœL Harun - Duzce UniversityMetallurgy	Reciprocating sliding speed effect on the tribological properties of SiCp	Wednesday 🇷🇺
1830	Prof. Ding Yining - Dalian University of Technology	Triphasic electric conductive materials for detection of the damage anc	Wednesday 🇷🇺
1846	Dr. Bang Hyung-joon - Korea Institute of Energy Res	Shape Estimation and Health Monitoring of Composite Wind Turbine B	Wednesday 🇷🇺
1931	Mr. Altinsoy Ibrahim - Sakarya UniversityMetallurgy	Effect of Copper Particle Size on Properties of Cu-Al2O3 Composites	Wednesday 🇷🇺
2016	Dr. Zaitsev Alexey - Perm National Research Polytec	Probabilistic methods for the analysis of random stress and strain fields	Wednesday 🇷🇺
2019	Mr. MOM Sophanarith - DalemberMises	Non linear micromechanical modelling of hemp concretes	Wednesday 🇷🇺
2020	Prof. Guler Mehmet Oguz - Sakarya UniversityEngin	Nano Crystalline ZnO Thin Films Reinforced With MWCNT Based Bucky	Wednesday 🇷🇺
2022	Dr. van Vuure Aart Willem - KU LeuvenMTM	On the potential of fine steel fibres to create stiff but tough polymer co	Wednesday 🇷🇺
2039	Dr. Antonucci Vincenza - CNRIInstitute for Composi	A new vacuum Infusion technology: Pulse Infusion	Wednesday 🇷🇺
2070	Dr. Iovinella Ivano - University of NaplesDepartmen	Experimental Campaign on Masonry Panel Strengthened by FRG	Wednesday 🇷🇺
2071	Mr. Indermuehle Kyle - Dassault Systemes SIMULIA	ADVANCED OPTIMIZATION OF COMPOSITE STRUCTURES INCORPORAT	Wednesday 🇷🇺
2086	Dr. Blacklock Matthew - University of California, Sa	The Virtual Test Pipeline - Characterisation, Generation and Simulation	Wednesday 🇷🇺
2099	Mr. Akram Muhammad - Delft University of Techno	Durability of Polyimide to titanium bonds	Wednesday 🇷🇺
2100	Dr. Iovinella Ivano - University of NaplesDepartmen	Retrofit of concrete columns	Wednesday 🇷🇺
2107	Prof. Jacquemin FrÃ©dÃ©ric - UniversitÃ© de N	INTERNAL STRAIN MEASUREMENT OF GLASS-POLYESTER COMPOSITES	Wednesday 🇷🇺
2115	Dr. Penna Rosa - University of Salerno, Department	PRELIMINARY RESULTS OF AN EXPERIMENTAL AND COMPUTATIONAL	Wednesday 🇷🇺
2126	Dr. Hamza-cherif Sidi Mohammed - University of Tl	Abstract Title (thermally induced vibration of composite flexible solar p	Wednesday 🇷🇺
2187	Dr. Jerabek Michael - Borealis Polyolefine GmbHMc	Characterization of short fiber reinforced polypropylene composites	Wednesday 🇷🇺
2191	Mr. POLAT Riza, AtatÃ¼rk University	Steel Fibers Effect in Bending and Compressive Strength Enhancement	Wednesday 🇷🇺
2236	Mr. Chen Cheng - University of Toulouse - ISAEDMS	A NUMERICAL APPROACH FOR ANALYZING POST-IMPACT BEHAVIOR O	Wednesday 🇷🇺
2260	Prof. Pinto Nicholas - University of Puerto Rico - Hu	Composite nanofibers of electroactive polymers prepared via electrospr	Wednesday 🇷🇺
2289	Dr. GÃ³rski Radoslaw - Silesian University of Techno	Analysis of composites with rigid reinforcements by the boundary elem	Wednesday 🇷🇺
2291	Mr. Iqbal AKM Asif - Saitama UniversityMechanical	Effect of Hybrid Reinforcement on Crack Initiation and Propagation Me	Wednesday 🇷🇺
2320	Dr. Kazunori Asano - Kinki UniversityMechanical En	Turning machinability of short potassium titanate fiber reinforced alum	Wednesday 🇷🇺
2351	Prof. Wang Rong-Min - Norwest Normal UniversityI	Polymer modified Loess with in-situ polymerization for removing cation	Wednesday 🇷🇺
2358	Dr. Dyzia Maciej - Silesian University of TechnologyI	Selection of parameters of the manufacturing process of composites Al	Wednesday 🇷🇺
2381	Prof. SHIN Chow-Shing - National Taiwan University	Integrity monitoring of composite patch repairs using Fiber Bragg Grati	Wednesday 🇷🇺
2402	Mrs. Ozay Serap - Marmara UniversityChemical Eng	Preparation of organically modified CaCO3 and its use in the manufact	Wednesday 🇷🇺
2414	Dr. Dang Quoc-Khanh - Hanoi University of Science	Consolidation and properties of Cu-TiC composite by reduction sinterin	Wednesday 🇷🇺
2422	Mrs. ESIYOK UKUSER Gokcen - Istanbul Kultur Univ	PREPARATION OF CROSSLINKED POLYVINYLPIRROLIDONE NANOCOMF	Wednesday 🇷🇺
2431	Dr. Dolata Anna - Silesian University of TechnologyI	Effect of selected casting methods on microstructural characteristic of j	Wednesday 🇷🇺
2441	Dr. Karamian Ebrahim	The effect of parameters on physical and strength properties of compo	Wednesday 🇷🇺
2474	Dr. KEE Youngjung, Korea Aerospace Research Insti	Resonant Fatigue Testing of Full-Scale Compoiste Helicopter Rotor Blad	Wednesday 🇷🇺
2517	Ms. Pietrzak Kamila - Warsaw University of Technol	Polyurethane composites with the addition of graphite with different e	Wednesday 🇷🇺
2532	Prof. Song Kigook - Kyung Hee UniversityMaterials	Nano-scale Patterning of Composite Resins Using UV Imprinting Techni	Wednesday 🇷🇺
2545	Dr. Pontefisso Alessandro - University of PadovaDe	Application of the Voronoi cell concept to assess agglomeration effects	Wednesday 🇷🇺
2560	Mr. Tong Yonggang - National University of Defens	A low cost fabrication route for continuous carbon fiber reinforced ZrC-	Wednesday 🇷🇺
2563	Dr. SAHU DIPTIRANJAN - University of the Witwate	Sintering and dielectric studies of Ti doped Al-Zr Oxide Composites	Wednesday 🇷🇺
2568	Mr. MÃ¼hlstÃ©dt Mike - Friedrich-Schiller-Universit	Laminate Characterization of Fiber-Reinforced Polymer Composites by	Wednesday 🇷🇺
2572	Prof. Salvo Milena - Politecnico di TorinoDepartmen	INNVIN - Innovative materials solutions for Transport, Energy and Biom	Wednesday 🇷🇺
2580	Santi Matteo, University of Padova	Fracture toughness of nanomodified epoxy resins and glass reinforced	Wednesday 🇷🇺

9999	L. Biasetto- University of Padova	PRELIMINARY INVESTIGATIONS ON THE USE OF PRECERAMIC POLYME	Wednesday ١٧٤٤
493	Lauter Christian University of PaderbornAutomotiv	Crash tests of hybrid structures consisting of sheet metal and local CFR	Wednesday ١٧٤٤
345	Sajjia Mustafa - Dublin City UniversitySchool of Mec	Heat treatment of cobalt ferrite prepared by the sol-gel method	Wednesday ١٧٤٤
722	Prof. SONG Jungil - Changwon National UniversityM	Finite element prediction of mechanical properties of plain weave carb	Tuesday 26th
754	Ms. Jeongmyeong Byeon - Changwon National Univ	Mechanical Behaviors of Jute/Hemp Fibers Reinforced Polypropylene H	Tuesday 26th
1373	Wu Kuang-Chong - National Taiwan UniversityInstit	Diffraction of A Plane Stress Wave by A Propagating Semi-Infinite Crack	Tuesday 26th